

Physical Properties of Representative Engineering Alloys for High Rate Deformation Modelling

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ABSTRACT

This report provides the results of a series of property measurements on a range of representative engineering alloys to assist in the deformation modelling of high rate compression tests. The measurements include thermal expansion, thermal diffusivity and specific heat. The alloys include an Al alloy (AA5052), two steels (a eutectoid composition and a 316 stainless steel), and a Ni alloy (Nimonic 901).

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Approved on behalf of Managing Director, NPL, by Dr C Lea,
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1 INTRODUCTION

A series of property measurements have been made on a range of representative engineering alloys (Al, Ni and Fe) to assist in the deformation modelling of high rate compression tests.

The following methods were used to characterise the various alloys.

- **Thermal Expansion**
A dilatometric method was used to measure the thermal expansion at temperatures up to 1000 °C for the steel alloy and to 600 °C for the Al alloy.
- **Thermal Diffusivity**
The laser flash technique was used to measure thermal diffusivity at room temperature (RT) and at elevated temperatures.

Specific Heat

Two DSC (Differential Scanning Calorimeters) test systems were used to measure enthalpy and specific heat. One system provided measurements up to 500 °C. The other system gave results from 500-1000 °C.

The results are presented in separate sections for each property measurement.

2 MATERIALS

The materials were supplied as plates by industrial collaborators Alcan International (Al alloy), Corus UK (steels) and Incotest (Ni alloy). Samples were cut in a longitudinal direction from the centre of the plates. The dimensions of the testpieces used for each of the different types of test are given in Table 1.

Table 1 Testpiece details

Test	Size, mm
Thermal Expansion	33 × 3 × 2 (bar)
Thermal Diffusivity	12 diameter × 2 thick (disc)
Specific Heat, RT-6000 °C	5 diameter × 0.8 thick (disc)
Specific Heat, 700-1400 °C	3.5 diameter × 2 thick (disc)

Al alloy	-	AA5052
Ferrous alloy (1)	-	Eutectoid Steel
Ferrous alloy (2)	-	316 Stainless Steel
Nickel alloy	-	Nimonic 901

3 TEST METHODS

3.1 THERMAL EXPANSION

Method

The specimens were tested in a Linseis alumina dilatometer. The instrument operates in the horizontal mode with specially constructed alumina apparatus comprising a recrystallised alumina tube with a cut-away section near the end into which is inserted a rod with a flat end which acts as a contact for one end of the testpiece. An alumina push-rod contacts the other end of the testpiece and transmits the changes in length to a linear displacement transducer as the specimen is heated and cooled. The temperature of the specimen is measured using a type R thermocouple, and the outputs of the thermocouple and the transducer are recorded at 4 minute intervals by a data logger for later analysis.

The instrument is calibrated in the following manner. The alumina specimen holder is removed, and replaced by a drum micrometer which is used to move the push-rod prescribed amounts. In this way the absolute sensitivity of the transducer may be determined. The apparatus is reassembled and run over the required temperature range with the push-rod contacting the far end of the apparatus, and any shift of the baseline output, corresponding to differential temperature distributions in the specimen support and push-rod is determined. This is used to correct the output from testing an unknown. The correction for the expansion coefficient of the apparatus itself is determined by inserting a certified reference specimen, normally SRM 739, Fused Silica from the National Institute for Standards and Technology, USA up to 700 °C, and a platinum standard for higher temperatures. The test is conducted in accordance with procedure NPL/QPDMM/B/120, which is in line with BS 7134 Part 4.1 and EN 821-1.

The overall accuracy of the measurement is controlled by the mechanical stability of the specimen in the apparatus. Assuming complete stability, the measurement accuracy is considered to be approximately $\pm 0.1 \times 10^{-6} \text{ K}^{-1}$ over a 1000 K temperature range.

The mode of operation employed for the present tests involved mounting the testpiece in the testpiece holder, and then heating the testpiece in an argon atmosphere to appropriate temperatures for each alloy °C at a heating rate of 2 K min^{-1} , followed by cooling at the same rate to room temperature. Logger data were transferred to a computer programme containing the calibration data, and thermal expansion data calculated. Mean thermal expansion coefficient over the reported temperature ranges were calculated by linear interpolation between logged points and averaged for heating and cooling.

Results

The results for the Al alloy, the eutectoid steel, the stainless steel and the Nimonic alloy are given in Tables TE1-4 respectively.

Graphs of the thermal expansion experiments are given in Figs TE1-4.

The mean expansion coefficient, α , is given by

$$\alpha = \text{ppm} / \Delta T \quad \text{K}^{-1} \quad (1)$$

where ppm are the expansion values given in the Tables and ΔT is the temperature range.

Table TE1- Thermal expansion data for Al alloy sample

Temp range °C	Thermal expansion, ppm over range							Mean expansion coefficients α 10^{-6} K^{-1}
	Run 1		Run 2		Run 3		Runs 2 & 3	
	heat	cool	heat	cool	heat	cool	heat & cool	
25 – 50	510	610	500	610	510	610	560	22.2
25 – 100	1690	1780	1680	1800	1690	1800	1740	23.2
25 – 150	2910	3000	2920	3040	2940	3040	2990	23.9
25 – 200	4190	4290	4220	4320	4240	4330	4280	24.5
25 – 250	5500	5610	5550	5670	5580	5670	5620	25.0
25 – 300	6860	6990	6960	7040	6970	7050	7010	25.5
25 – 350	8260	8440	8400	8490	8410	8500	8450	26.0
25 – 400	9690	9930	9900	9980	9920	9990	9950	26.5
25 – 450	11160	11490	11470	11520	11490	11530	11500	27.1
25 – 500	12640	13100	13070	13130	13100	13140	13110	27.6
25 – 550	14060	14870	14720	14840	14790	14840	14800	28.2
	Offset - 1160		Offset – 200		Offset - 70			

Table TE2- Thermal expansion data for Eutectoid steel sample

Temp range °C	Thermal expansion, ppm over range									Mean expansion coefficients $\alpha \cdot 10^{-6} \text{ K}^{-1}$
	Run 1		Run 2		Run 3		Runs 2 & 3		Mean	
	heat	cool	heat	cool	heat	cool	heat	cool	heat & cool	
	160					310			250	10.0
					750				870	11.6
25-150									1500	12.0
									2250	12.9
25-250	2680	2970	2800	2920	2810	2950	2810	2940	2950	13.1
	3430	3730	3560	3710	3570	3690	3570	3700	3700	13.5
5-350	4210	4500	4340	4480	4340	4440	4340	4460	4450	13.7
	5020	5290	5150	5270	5150	5220	5150	5250	5240	14.0
25-450	5840	6080	5970	6080	5970	6000	5970	6040	6020	14.2
	6700	6900	6800	6900	6810	6820	6810	6860	6840	14.4
	7580	7730	7640	7740	7660	7650	7650	7700	7680	14.6
25-600									8530	14.8
25-650									9380	15.0
25-700										
	9840	9980	9830	9480	9880					
25-800										13.2
25-850										13.7
										14.2
25-950										14.7
										15.1
										15.4
										15.8
										16.1
									(19210)	16.3
									(20340)	16.6
									(21500)	16.9
	- 2353		- 1460		- 1473					
	737-740 °C		735-738 °C		736-739 °C					
M _F	~ 770 °C		~ 773 °C		~ 775 °C					

Table TE3- Thermal expansion data for stainless steel sample

Temp range °C	Thermal expansion, ppm over range							Mean expansion coefficients α 10^{-6} K^{-1}
	Run 1		Run 2		Run 3		Runs 2 & 3	
	heat	cool	heat	cool	heat	cool	Mean heat & cool	
25 – 50	260	440	250	440	270	450	350	14.0
25 – 100	1080	1340	1070	1340	1100	1350	1220	16.2
25 – 150	1970	2200	1970	2200	2000	2210	2100	16.8
25 – 200	2890	3100	2900	3090	2920	3110	3010	17.2
25 – 250	3820	4010	3840	3990	3860	4010	3930	17.4
25 – 300	4760	4950	4810	4920	4820	4940	4870	17.7
25 – 350	5730	5910	5790	5890	5790	5890	5840	18.0
25 – 400	6720	6880	6790	6890	6810	6870	6840	18.2
25 – 450	7710	7880	7790	7910	7850	7870	7860	18.5
25 – 500	8720	8890	8810	8930	8900	8890	8880	18.7
25 – 550	9740	9930	9870	9970	9950	9890	9920	18.9
25 – 600	10790	10970	10930	11000	11010	10930	10970	19.1
25 – 650	11870	12020	12000	12050	12070	11970	12020	19.2
25 – 700	12940	13070	13060	13100	13140	13020	13080	19.4
25 – 750	14030	14130	14120	14150	14220	14080	14140	19.5
25 – 800	15100	15200	15190	15230	15290	15140	15210	19.6
25 – 850	16160	16290	16270	16310	16380	16210	16290	19.7
25 – 900	17220	17380	17350	17400	17470	17300	17380	19.9
25 – 950	18260	18480	18460	18490	18560	18390	18480	20.0
25 – 1000	19280	19580	19570	19590	19670	19480	19580	20.1
25 – 1050	20280	20690	20690	20710	20780	20590	20690	20.2
25 – 1100	21340	21830	21810	21740	21900	21720	21790	20.3
25 – 1150	22220	22980	22940	22990	23020	22860	22950	20.4
25 – 1200	23120	24150	24070	24150	24130	24010	24090	20.5
25 – 1250	23840	25340	25200	25350	25260	25190	25250	20.6
25 – 1300	24290	26640	26300	26550	26370	26370	26400	20.7
Offset	- 2460		- 260		- 5			

Table TE4- Thermal expansion data for Nimonic 901 sample

Temp range °C	Thermal expansion, ppm over range									Mean expansion coefficients $\alpha \cdot 10^{-6} \text{ K}^{-1}$
	Run 1		Run 2		Run 3		Runs 2 & 3		Mean	
	heat	cool	heat	cool	heat	cool	heat	cool	heat & cool	
25-50	210	360	230	370	230	400	230	390	310	12.4
25-100	890	1110	920	1120	910	1160	920	1140	1030	13.7
25-150	1630	1830	1670	1850	1670	1890	1670	1870	1770	14.2
25-200	2390	2570	2430	2600	2440	2650	2410	2630	2520	14.4
25-250	3170	3340	3230	3370	3240	3430	3240	3400	3320	14.8
25-300	3960	4130	4030	4150	4040	4220	4040	4190	4120	15.0
25-350	4760	4930	4840	4950	4860	5020	4850	4990	4920	15.1
25-400	5590	5740	5670	5770	5690	5840	5680	5810	5750	15.3
25-450	6420	6570	6510	6590	6530	6670	6520	6630	6580	15.5
25-500	7210	7420	7350	7430	7370	7510	7360	7470	7420	15.6
25-550	8000	8290	8240	8300	8250	8390	8250	8350	8300	15.8
25-600	8910	9210	9180	9210	9190	9290	9190	9250	9230	16.1
25-650	9820	10150	10120	10140	10130	10210	10130	10180	10160	16.3
25-700	10640	11070	11050	11090	11060	11140	11060	11120	11090	16.4
25-750	11610	12090	11980	12110	11990	12150	11990	12130	12060	16.6
25-800	12770	13240	13030	13260	13040	13310	13040	13290	13170	17.0
25-850	14040	15020	14280	14990	14280	15050	14280	15020	14650	17.8
25-900	15410	16230	15710	16220	15700	16260	15710	16240	15970	18.3
25-950	16710	17270	17240	17280	17220	17310	17230	17300	17270	18.7
25-1000	17520	18330	18330	18340	18310	18370	18320	18360	18340	18.8
25-1050	18120	19410	19400	19420	19390	19450	19400	19440	19420	18.9
25-1100	18560	20510	20480	20520	20470	20530	20480	20530	20510	19.1
25-1150	19060	21660	21570	21650	21560	21650	21570	21650	21610	19.2
25-1200	19810	22890	22650	22840	22650	22810	22650	22830	22740	19.4
25-1250	20640	24210	23650	24070	23690	23990	23670	24020	23850	19.5
25-1300	20840	26090	24260	25570	24510	25380	(24510)	(25480)	25000	19.6
Offset	Offset - 5710		Offset - 1543		Offset - 992					

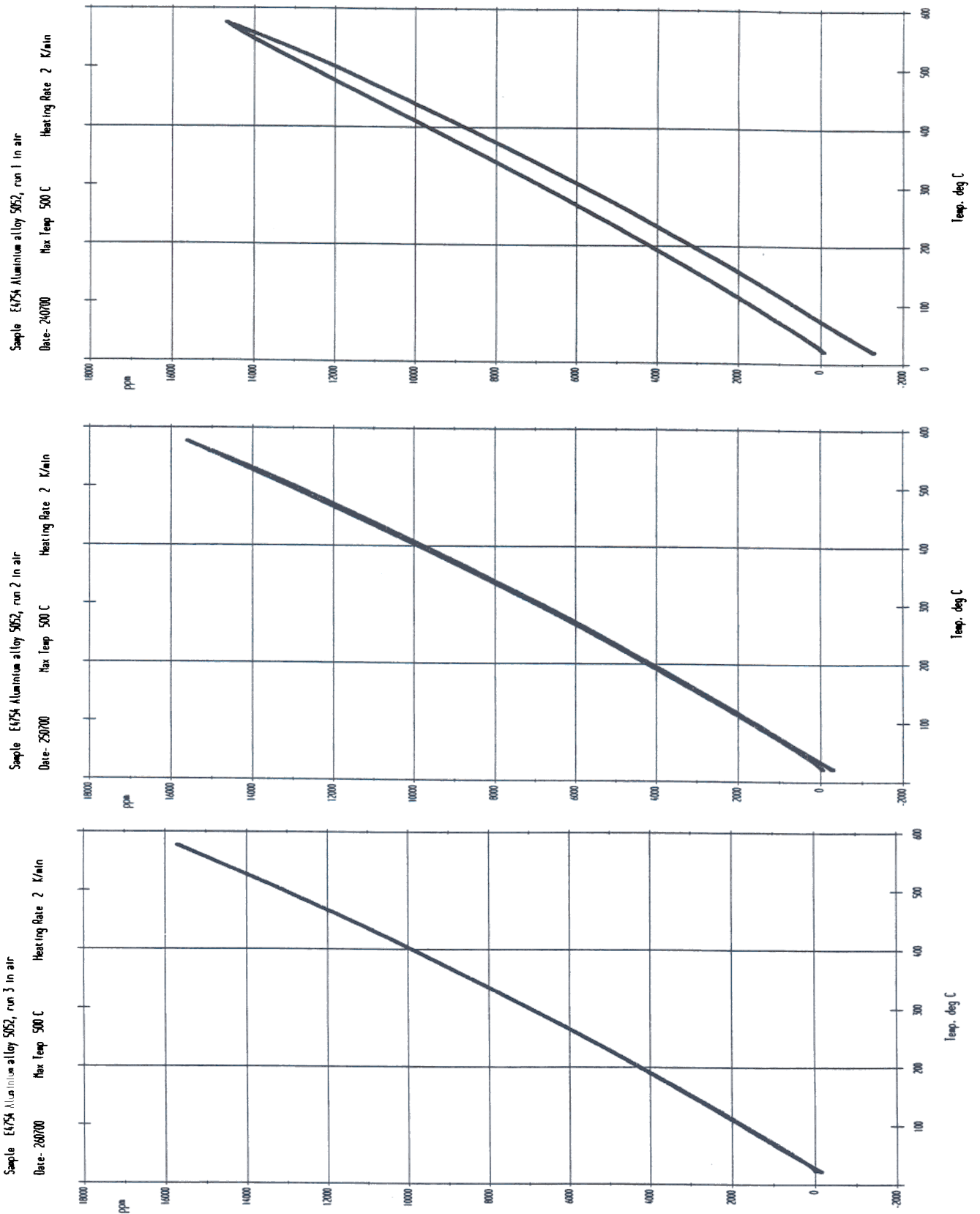


Fig TE1 Al alloy 5052, thermal expansion data.

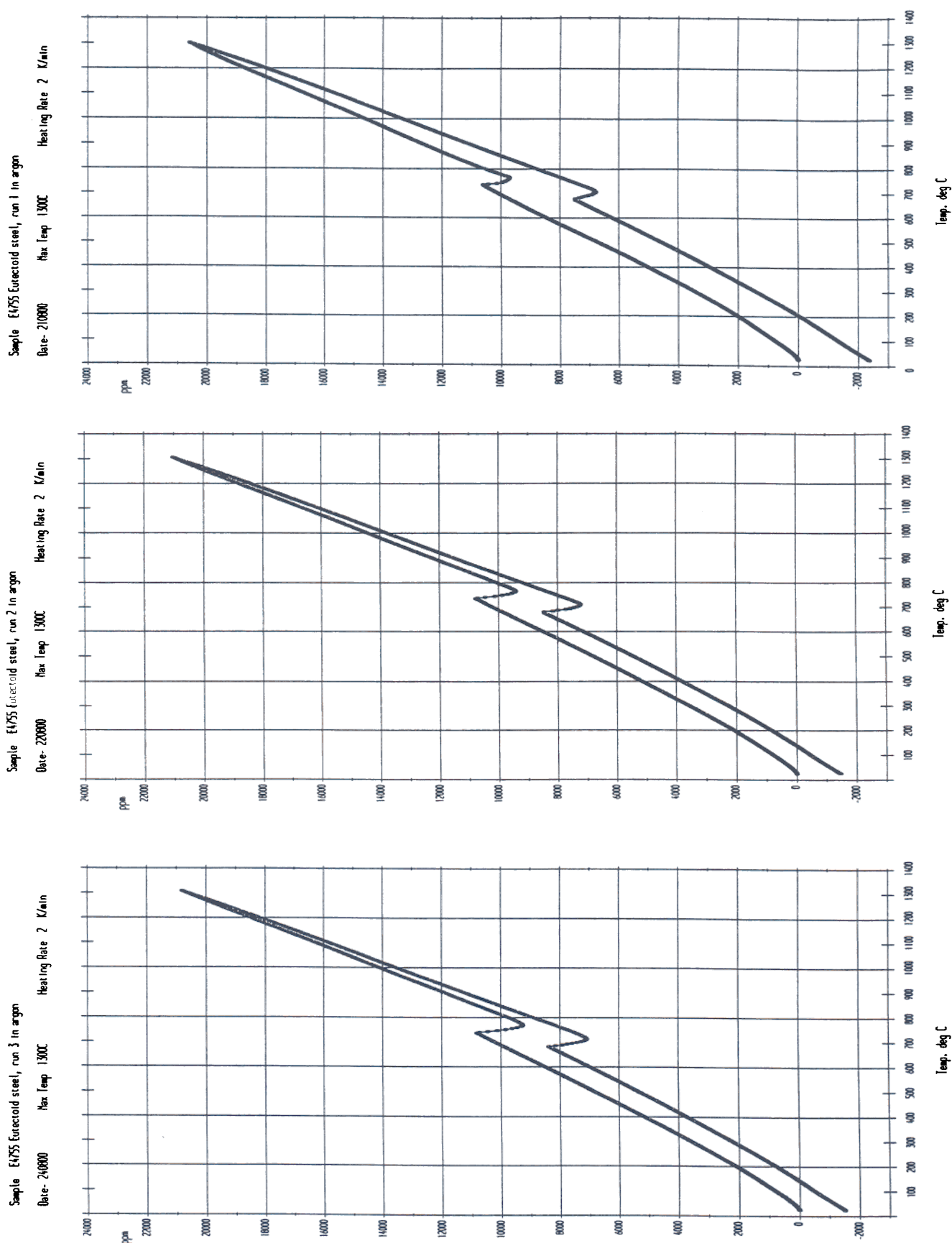


Fig TE2 Eutectoid steel, thermal expansion data.

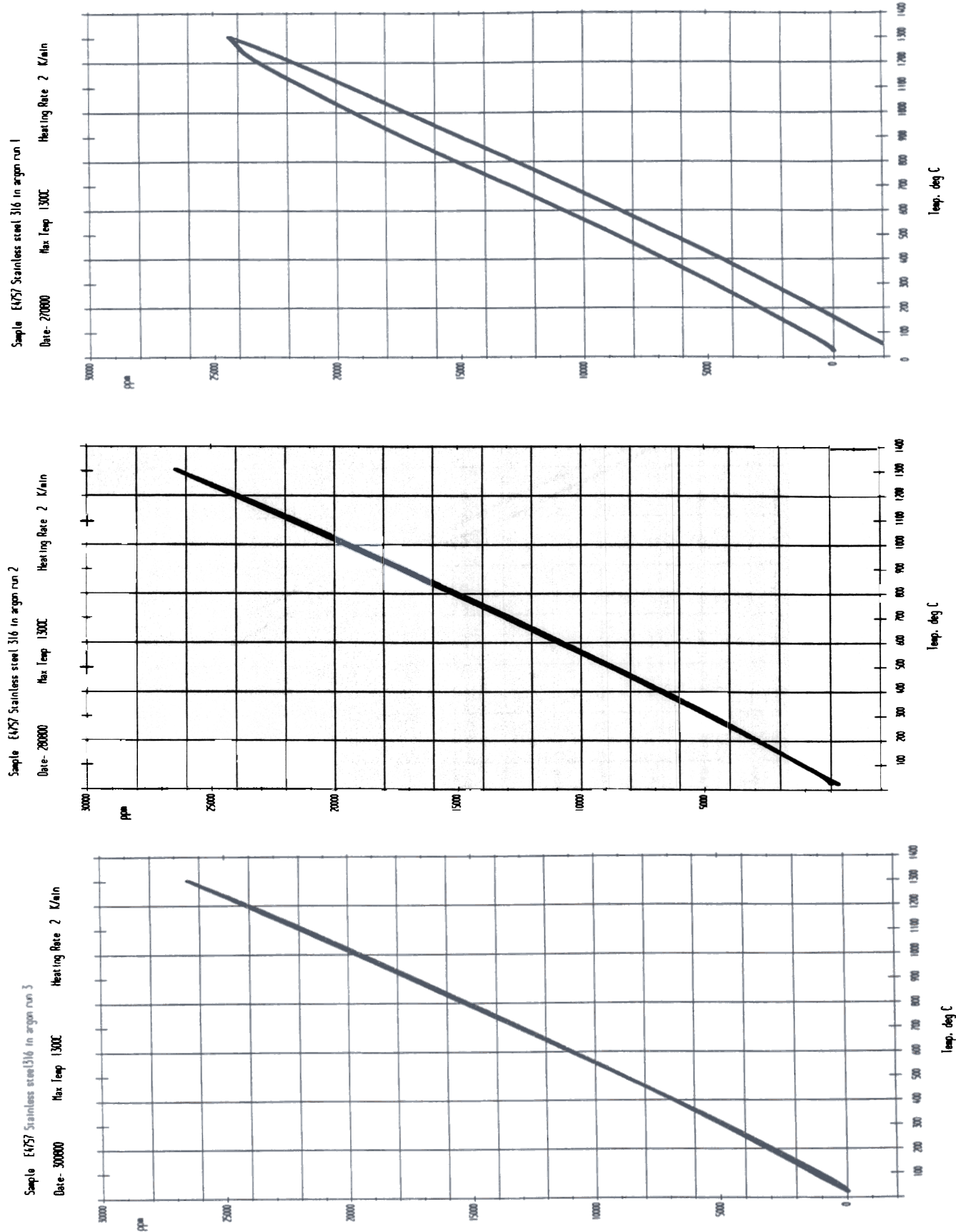


Fig TE3 316 stainless steel, thermal expansion data.

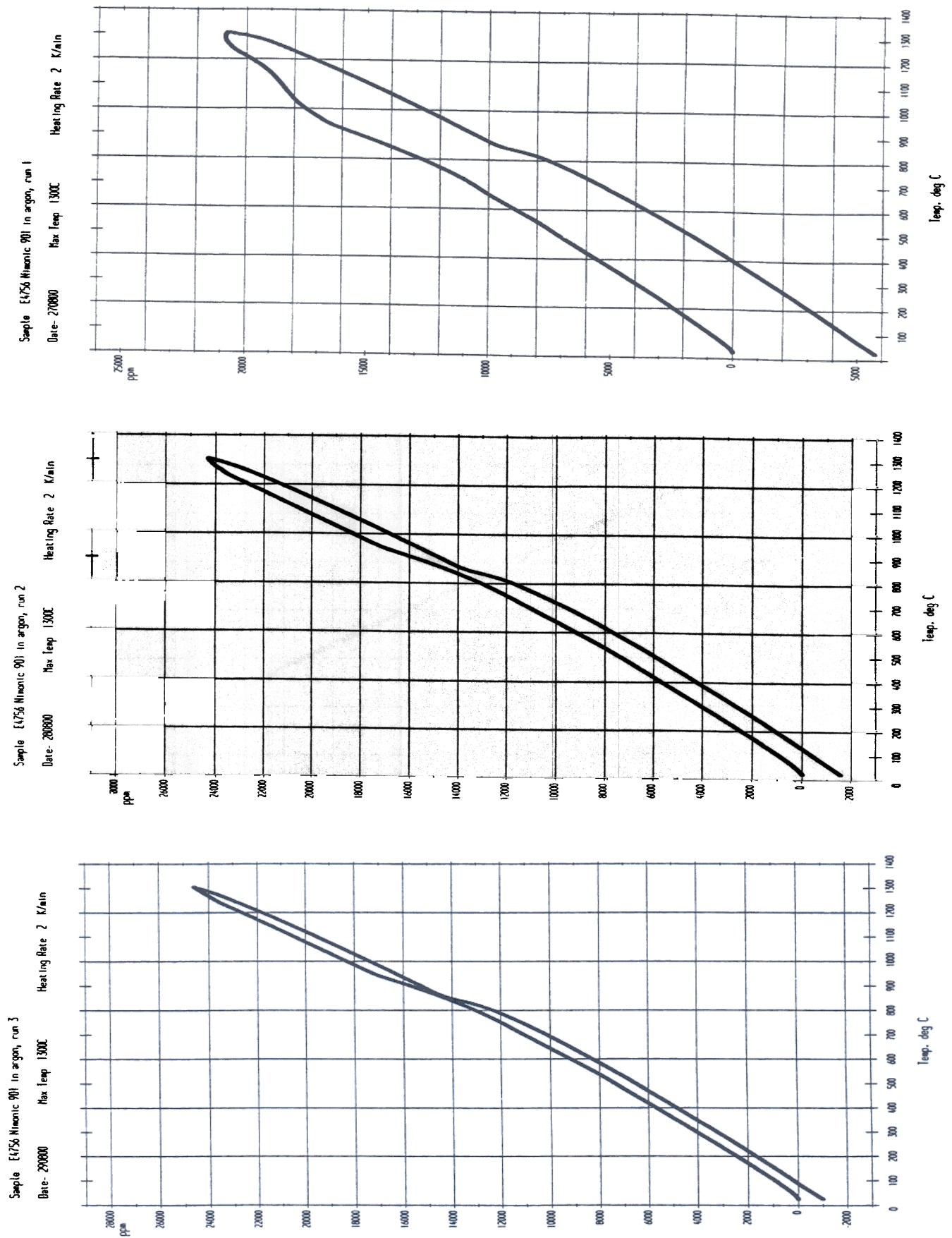


Fig TE4 Nimonic 901, thermal expansion data.

3.2 THERMAL DIFFUSIVITY

Method

A laser flash thermal diffusivity system was used in which laser light is pulsed onto one side of a plane parallel sample and the temperature response on the opposite side is recorded. From this temperature response the thermal diffusivity can be calculated.

Testpieces were measured using the Netzsch LFA427 laser flash diffusivity system to an internal NPL procedure QPCMMTB/172. The values of diffusivity, a , are estimated to have an uncertainty of $\pm 5\%$. The results were not corrected for thermal expansion effects. The correction for thermal expansion can be performed, if necessary, as follows:

$$a_{\text{corrected}} = a_{\text{measured}} \frac{\ell^2}{\ell_o^2}$$

where $a_{\text{corrected}}$ and a_{measured} are the corrected and measured thermal diffusivities, ℓ_o is the sample thickness at room temperature and ℓ is the sample thickness at the test measurement corrected for expansion.

The samples were heated (or cooled) in a graphite furnace in an alumina work-tube under argon and stabilised for at least 10 min prior to the measurement. Three measurements were performed at each temperature.

Results

The results are given in Table TD1 for the AA5052 Al alloy, Table TD2 for the Eutectoid steel, Table TD3 for the 316 stainless steel and Table TD4 for the Nimonic 901. Graphs of the variation with temperature of the diffusivity are given in Figs TD1-4.

Table TD1 - Thermal Diffusivity of AA5052 Al alloy

	Al alloy 5052			
	Heating		Cooling	
	Temperature, °C	a, m ² s ⁻¹ (x10 ⁻⁴)	Temperature, °C	a, m ² s ⁻¹ (x10 ⁻⁴)
	14	0.567	415	0.616
	14	0.572	414	0.611
	15	0.573	414	0.617
Average	14	0.571	414	0.614
	280	0.626	308	0.620
	278	0.626	305	0.629
	281	0.623	304	0.624
Average	280	0.625	306	0.624
	410	0.615	-	-
	410	0.611	-	-
	411	0.617	-	-
Average	410	0.614	-	-
	504	0.595	-	-
	506	0.593	-	-
	505	0.588	-	-
Average	505	0.592	-	-

Table TD2 - Thermal Diffusivity of Eutectoid Steel

	Eutectoid Steel			
	Heating		Cooling	
	Temperature, °C	a, m ² s ⁻¹ (x10 ⁻⁴)	Temperature, °C	a, m ² s ⁻¹ (x10 ⁻⁴)
	14	0.121	835	0.056
	14	0.123	835	0.056
	14	0.121	835	0.055
Average	14	0.121	835	0.056
	504	0.070	505	0.071
	505	0.069	504	0.070
	504	0.071	505	0.070
Average	504	0.070	505	0.070
	983	0.057	330	0.091
	982	0.056	329	0.090
	984	0.056	329	0.091
Average	983	0.056	329	0.091
	1154	0.064	30	0.115
	1153	0.062	27	0.116
	1155	0.063	25	0.115
Average	1154	0.063	27	0.115

Table TD3 - Thermal Diffusivity of 316 Stainless Steel

	316 Stainless Steel			
	Heating		Cooling	
	Temperature, °C	$a, \text{m}^2 \text{s}^{-1} (\times 10^{-4})$	Temperature, °C	$a, \text{m}^2 \text{s}^{-1} (\times 10^{-4})$
	17	0.037	1110	0.058
	16	0.038	1111	0.059
	16	0.038	1110	0.059
	19	0.037	-	-
	15	0.038	-	-
Average	17	0.037	1110	0.058
	302	0.044	1021	0.058
	303	0.045	1015	0.058
	301	0.045	1017	0.058
Average	302	0.044	1018	0.058
	507	0.049	928	0.057
	507	0.049	929	0.057
	505	0.048	928	0.057
Average	506	0.049	928	0.057
	607	0.051	837	0.054
	608	0.051	836	0.055
	609	0.051	837	0.055
Average	608	0.051	837	0.055
	705	0.053	-	-
	704	0.053	-	-
	705	0.053	-	-
Average	705	0.053	-	-
	798	0.054	-	-
	800	0.054	-	-
	797	0.054	-	-
Average	798	0.054	-	-
	891	0.055	-	-
	892	0.056	-	-
	891	0.056	-	-
Average	891	0.056	-	-
	983	0.057	-	-
	982	0.057	-	-
	982	0.058	-	-
Average	982	0.057	-	-
	1075	0.058	-	-
	1071	0.058	-	-
	1073	0.060	-	-
Average	1073	0.059	-	-
	1154	0.059	-	-
	1155	0.059	-	-
	1151	0.060	-	-
Average	1153	0.059	-	-

Table TD4 - Thermal Diffusivity of Nimonic 901

	Nimonic 901			
	Heating - Run 1		Cooling - Run 1	
	Temperature, °C	a, m ² s ⁻¹ (x10 ⁻⁴)	Temperature, °C	a, m ² s ⁻¹ (x10 ⁻⁴)
	22	0.030	-	-
	22	0.029	-	-
	22	0.030	-	-
	23	0.030	-	-
Average	22	0.030	-	-
	198	0.035	-	-
	199	0.036	-	-
	201	0.036	-	-
Average	199	0.036	-	-
	501	0.044	-	-
	502	0.044	-	-
	502	0.044	-	-
Average	502	0.044	-	-
	Heating - Run 2		Cooling - Run 2	
	Temperature, °C	a, m ² s ⁻¹ (x10 ⁻⁴)	Temperature, °C	a, m ² s ⁻¹ (x10 ⁻⁴)
	Temperature, °C	a, m ² s ⁻¹ (x10 ⁻⁴)	Temperature, °C	a, m ² s ⁻¹ (x10 ⁻⁴)
	893	0.050	832	0.049
	893	0.050	834	0.049
	893	0.051	834	0.049
Average	893	0.050	833	0.049
	998	0.051	-	-
	998	0.051	-	-
	998	0.052	-	-
Average	998	0.051	-	-
	1154	0.055	-	-
	1154	0.054	-	-
	1155	0.055	-	-
Average	1154	0.055	-	-

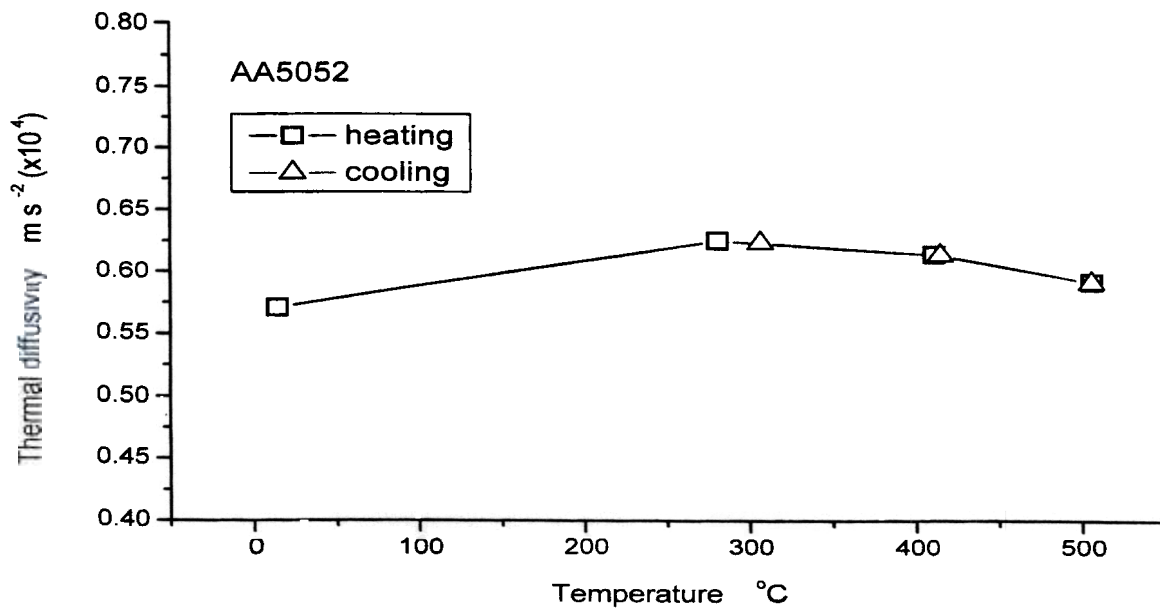


Fig TD1 Thermal diffusivity – Al alloy 5052.

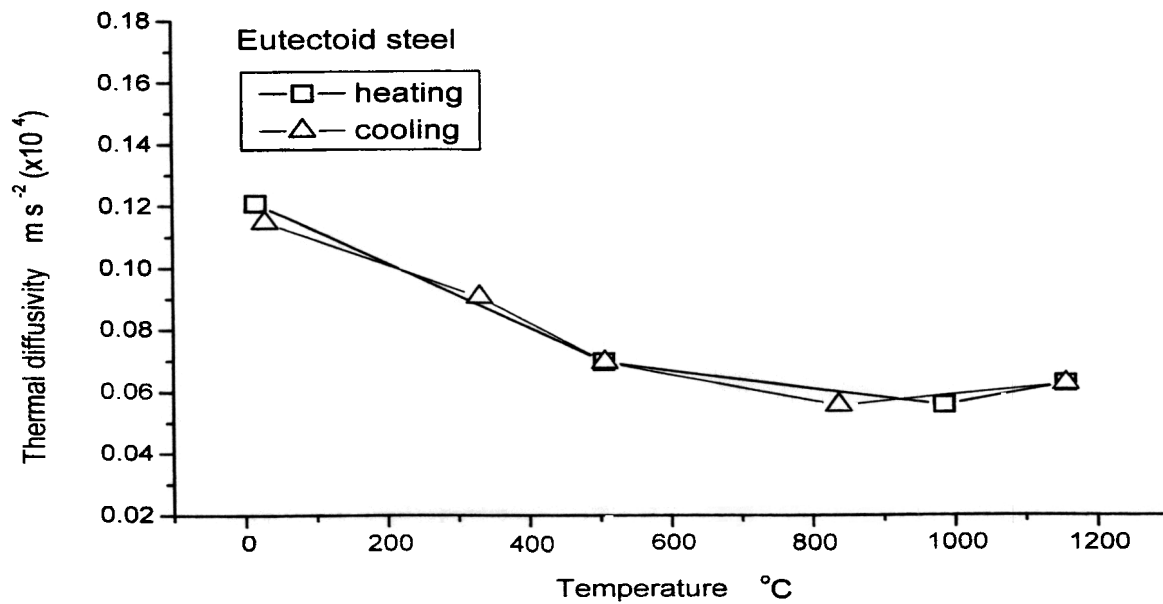


Fig TD2 Thermal diffusivity – Eutectoid Steel.

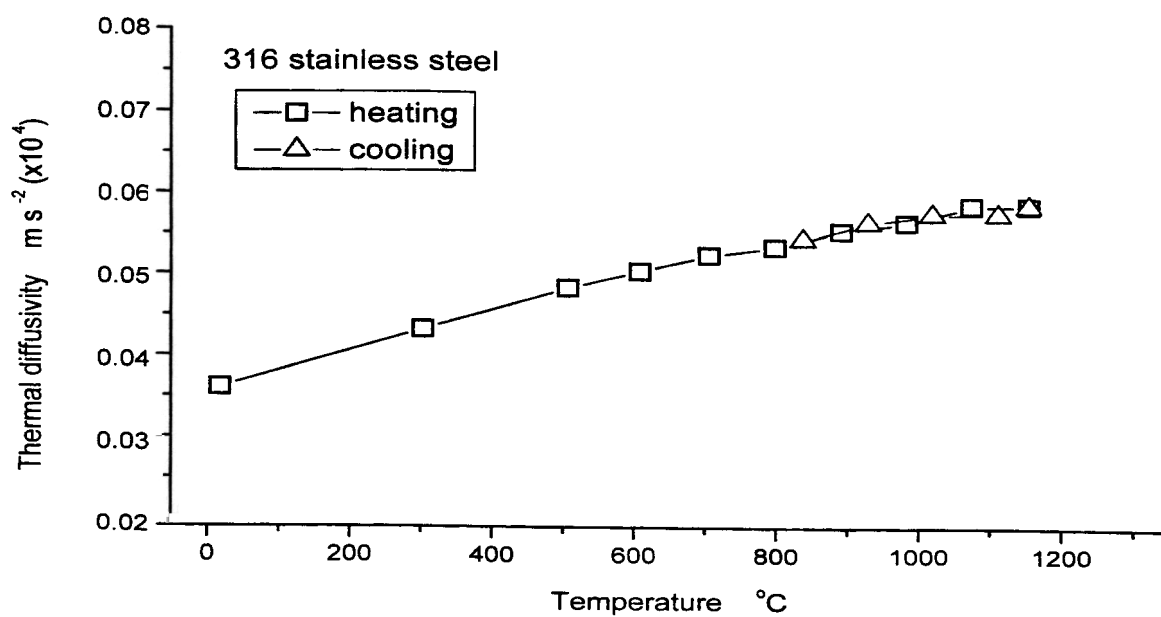


Fig TD3 Thermal diffusivity – 316 stainless steel.

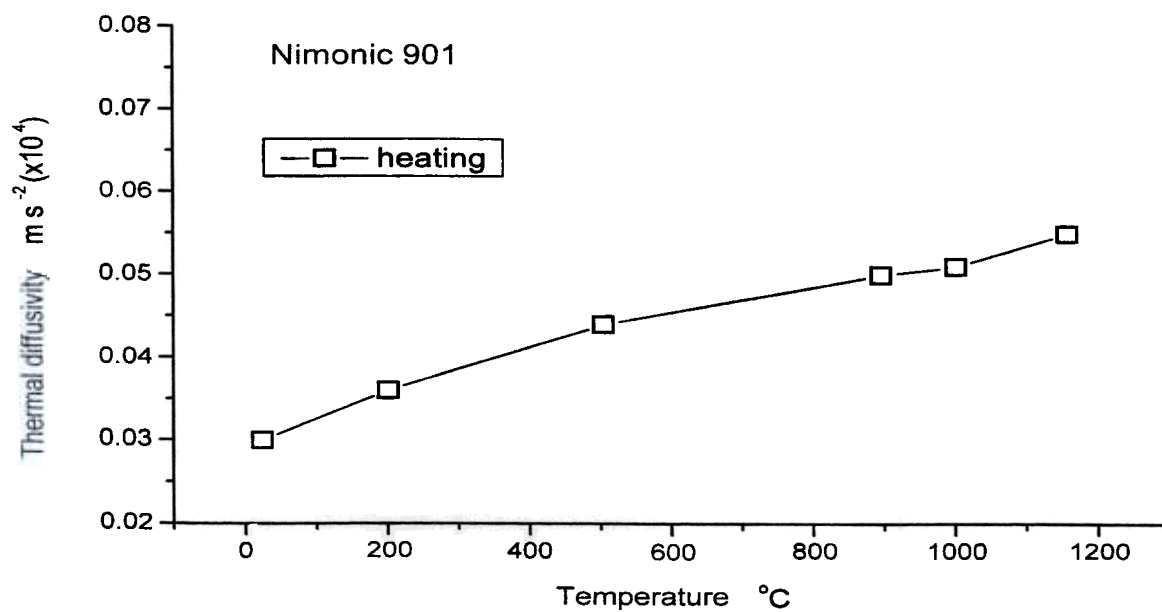


Fig TD4 Thermal diffusivity – Nimonic 901.

3.3 SPECIFIC HEAT

Differential Scanning Calorimetry (DSC) is a technique for the measurement of specific heat (C_p) and enthalpy in which two small crucibles are heated or cooled under identical conditions of temperature and heating/cooling rate. Temperature difference between the two crucibles is measured as a function of temperature. One crucible is empty (the reference crucible) and the other crucible has a sample in it (the sample crucible). By repeating experiments in which the sample crucible contains a sample (calibrant) of known mass and C_p over the temperature range of the experiment and in which the sample crucible contains a sample of known mass but unknown C_p , the C_p of the sample can be calculated as a function of temperature. The measured C_p values can also be used to calculate enthalpy.

Two measurement systems were used to obtain specific heat values, one for temperatures up to 500 °C the other for temperatures in the range 600-1000 °C. The uncertainty is primarily due to temperature measurement and is estimated to be $\pm 2\%$ for Method 1 and $\pm 4\%$ for Method 2.

Method 1 (Room temperature to 500 °C)

The equipment used for the lower temperature tests was a Perkin-Elmer DSC7 Differential Scanning Calorimeter. A constant heating rate of about 20 °C min⁻¹ was used.

Results

Specific heat values are given in J g⁻¹ K⁻¹ in Appendix A (from EXCEL[®] spreadsheets of data) for the aluminium alloy, eutectoid steel, 316 stainless steel and Nimonic 901 testpieces, respectively. Plots of the specific heat versus temperature are shown in Figs SH1-4.

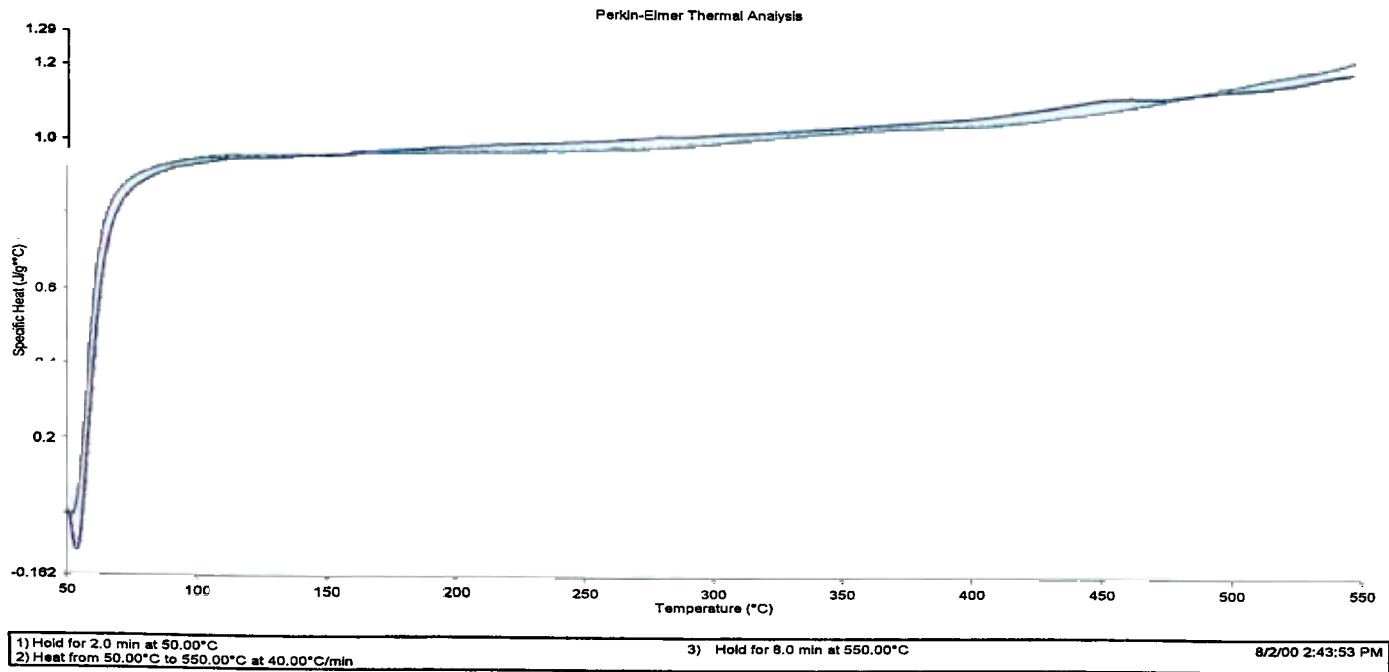


Fig SH1 Specific heat (low temp) – Al alloy 5052

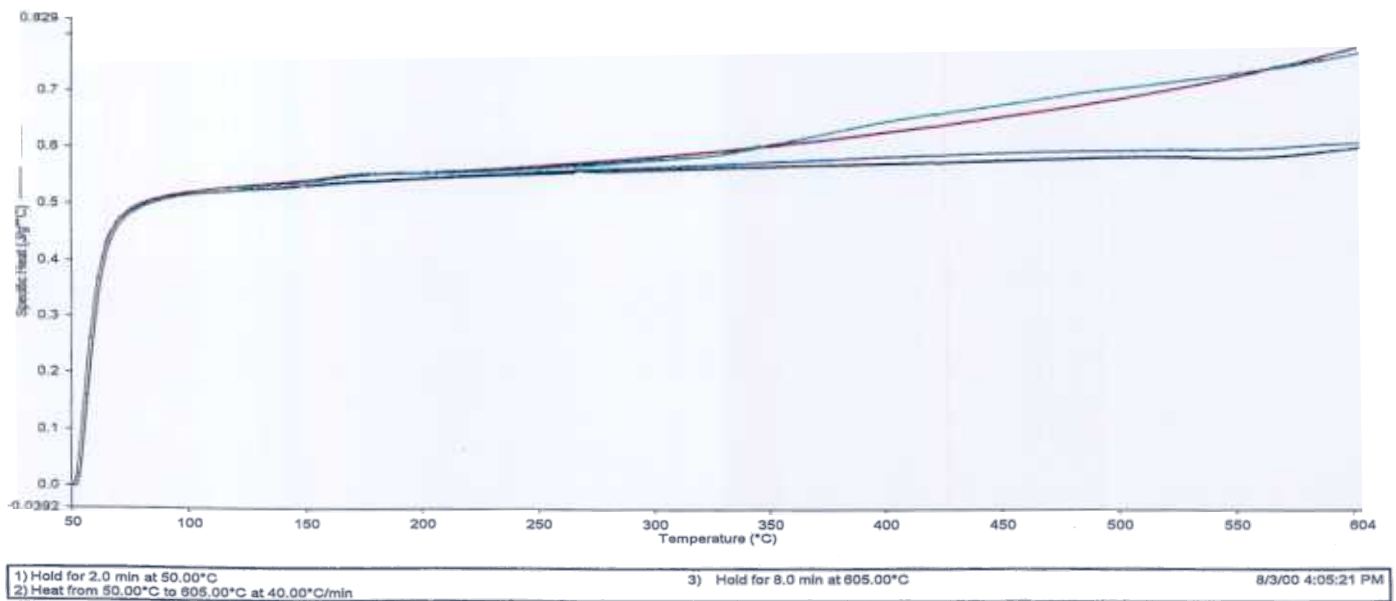


Fig SH2 Specific heat (low temp) – Eutectoid steel.

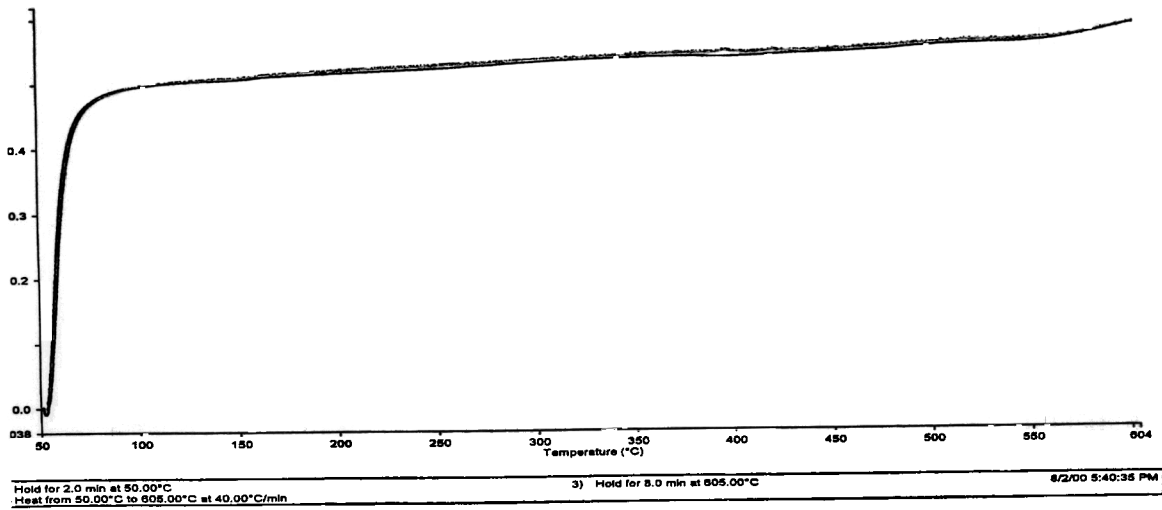


Fig SH3 Specific heat (low temp) – 316 stainless steel.



Fig SH4 Specific heat (low temp) – Nimonic 901.

Method 2 (600 - 1000 °C)

The equipment used for the higher temperature tests was a Differential Scanning Calorimeter model DSC 1500 originally manufactured by Stanton Redcroft. For the measurement of solid C_p disc shaped testpieces were used with heating/cooling rates rate of $10\text{ }^{\circ}\text{C min}^{-1}$. Measurements were made both on heating and cooling but the results reported in the Appendices are for heating only.

Each testpiece was heated at about $10\text{ }^{\circ}\text{C min}^{-1}$. The experiment was done in separate stages with cooling between stages.

Results

Mean values of specific heat are given in EXCEL[®] spreadsheet form in Appendices B-D for the eutectoid steel, 316 stainless steel and Nimonic 901 alloy respectively.

Plots of the specific heat against temperature are shown in Figs SH5-10 respectively (with scale magnified in alternate graphs to allow more detailed interpretation of data in regions separate from peaks).

4 ACKNOWLEDGEMENTS

Colleagues R Morrell, C Allen, L Chapman and B Monaghan are thanked for their contributions in making measurements of thermal expansion; specific heat (low temperature); specific heat (high temperature) and thermal diffusivity, respectively. The work was supported within the DTI Measurement Programme in project MPM4.1 on Higher Rate Testing.

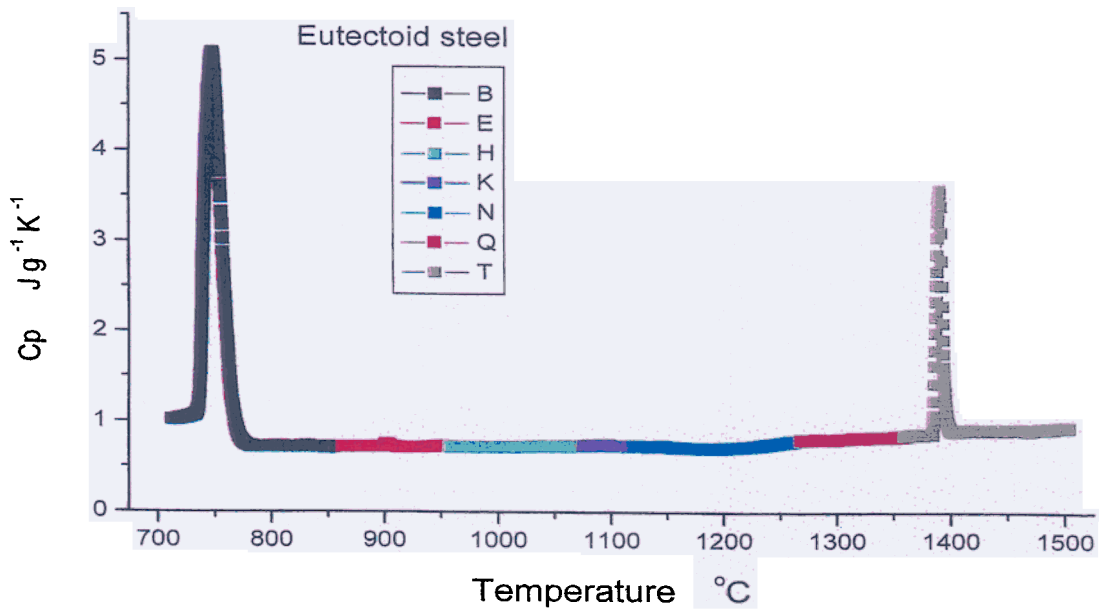


Fig SH5 Specific heat (high temp) – Eutectoid steel.

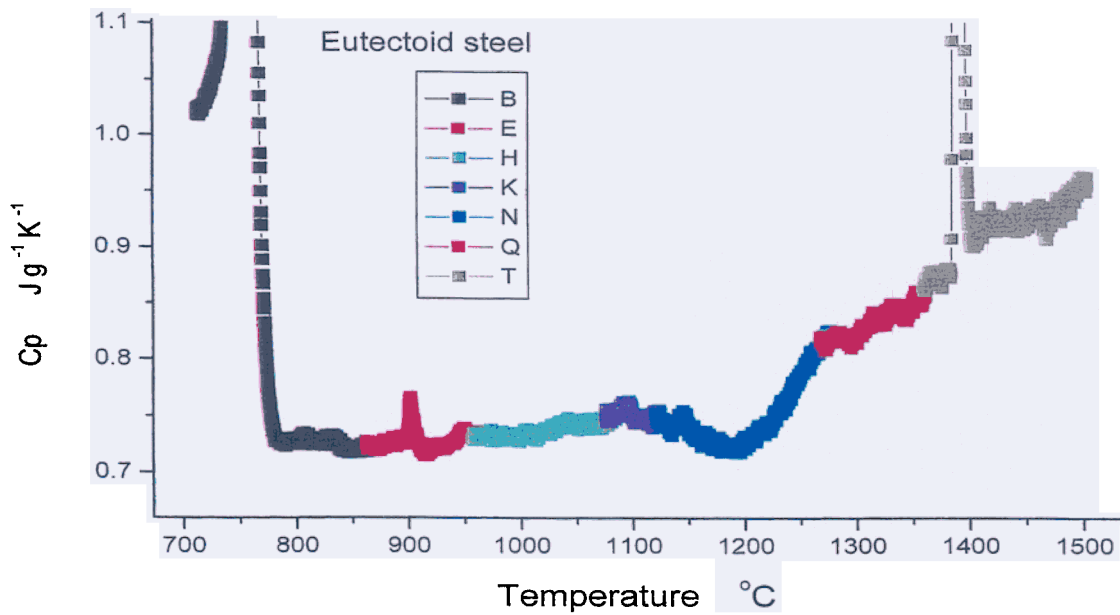


Fig SH6 Specific heat (high temp) – Eutectoid steel – scale magnified.

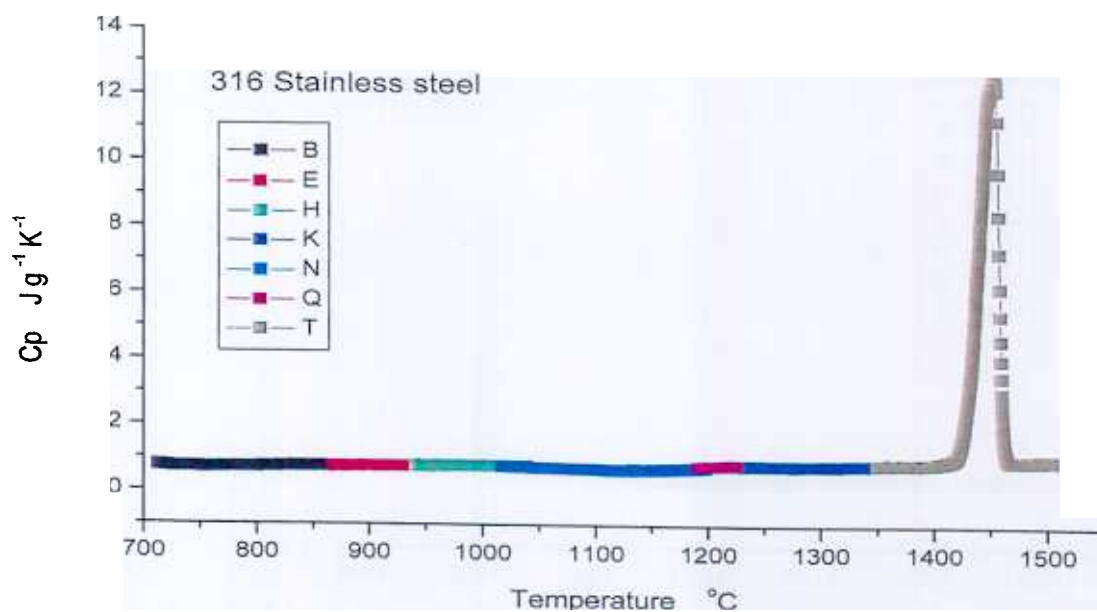


Fig SH7 Specific heat (high temp) – 316 stainless steel.

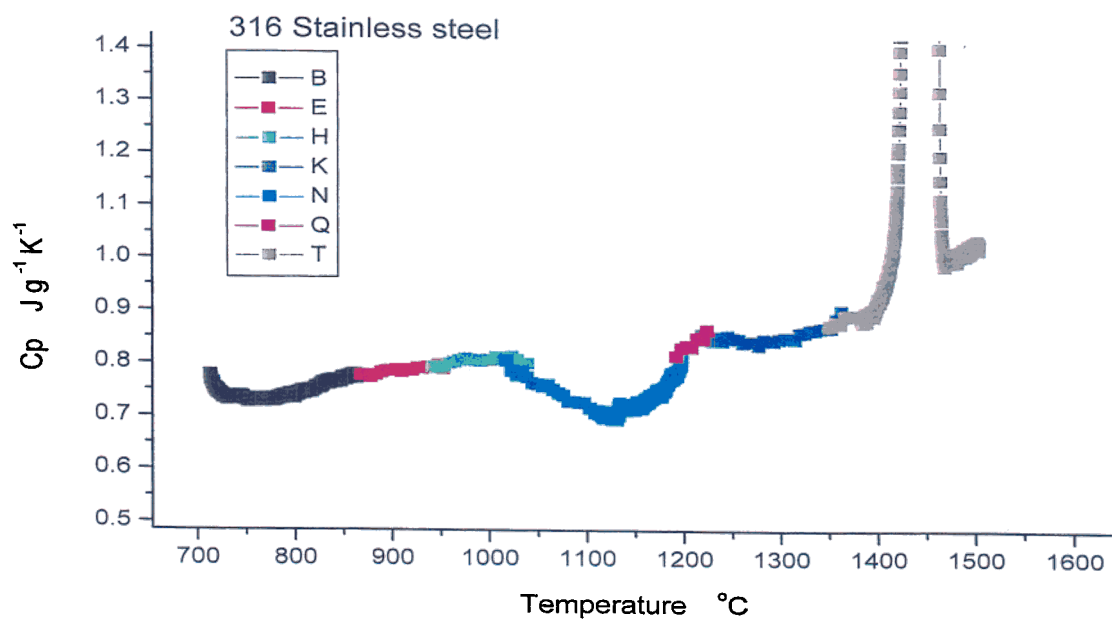


Fig SH8 Specific heat (high temp) – 316 stainless steel – scale magnified.

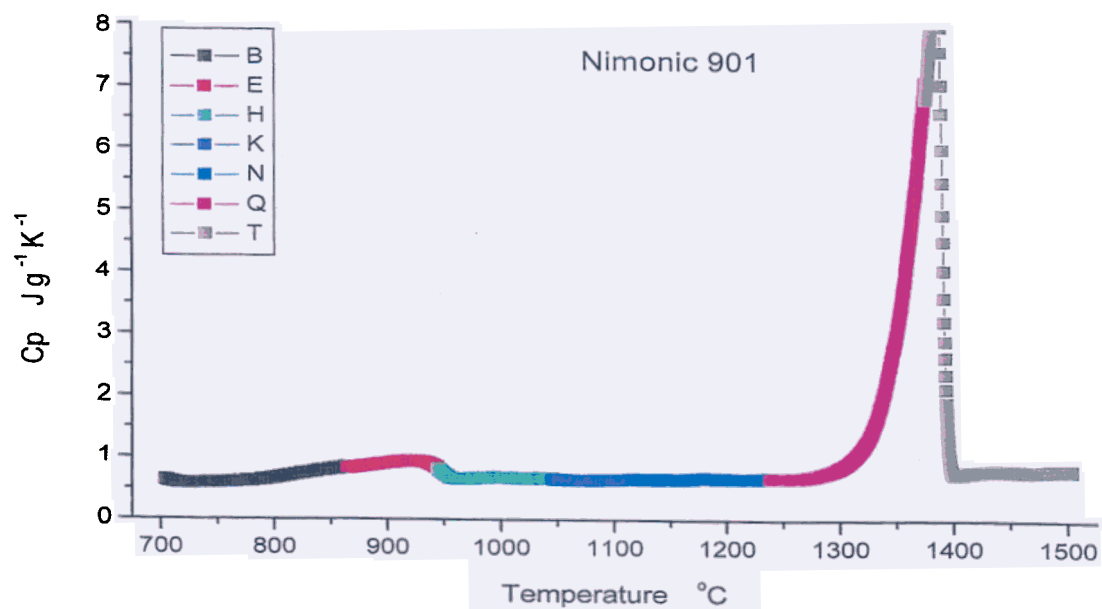


Fig SH9 Specific heat (high temp) – Nimonic 901.

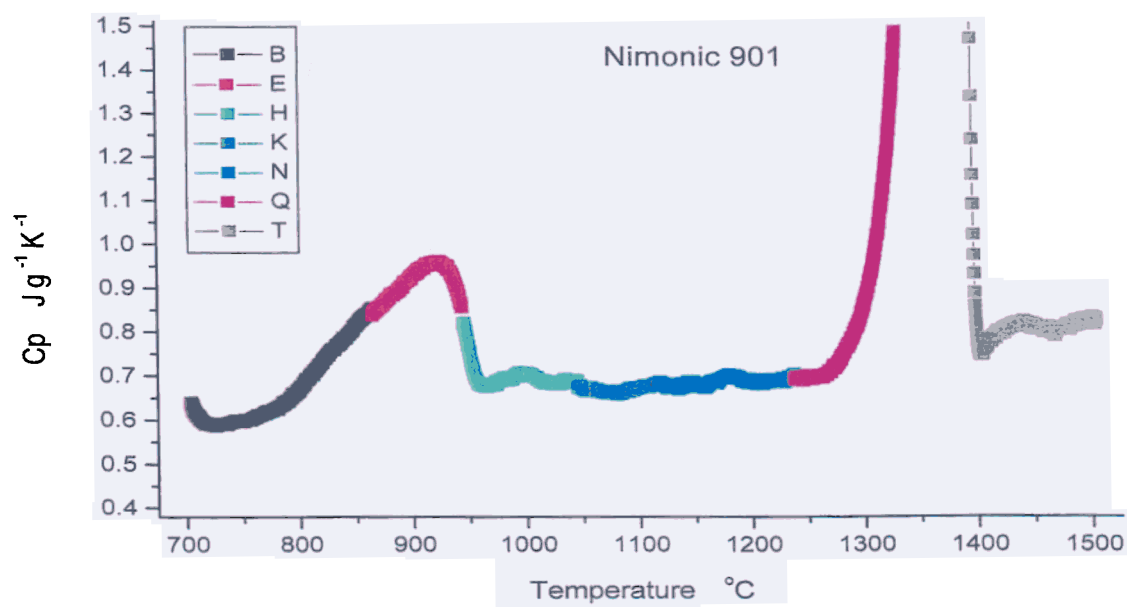


Fig SH10 Specific heat (high temp) – Nimonic 901 – scale magnified

Appendix A

Low temperature specific heat data

aa5052 a		AA5052 b		Eutectoid a		Eutectoid b		316 stainless a		316 stainless b		Nimonic901 a		Nimonic901 b	
T °C	Cp J/g/K	T °C	Cp J/g/K	T °C	Cp J/g/K	T °C	Cp J/g/K	T °C	Cp J/g/K	T °C	Cp J/g/K	T °C	Cp J/g/K	T °C	Cp J/g/K
100	0.95	100	0.94	100	0.50	100	0.50	100	0.52	100	0.52	100	0.48	100	0.48
101	0.95	101	0.94	101	0.50	101	0.50	101	0.52	101	0.52	101	0.48	101	0.48
102	0.95	102	0.94	102	0.50	102	0.50	102	0.52	102	0.52	102	0.48	102	0.48
103	0.95	103	0.94	103	0.50	103	0.50	103	0.52	103	0.52	103	0.48	103	0.48
104	0.95	104	0.94	104	0.50	104	0.50	104	0.52	104	0.52	104	0.48	104	0.48
105	0.96	105	0.94	105	0.50	105	0.50	105	0.52	105	0.52	105	0.48	105	0.48
106	0.96	106	0.95	106	0.50	106	0.50	106	0.52	106	0.52	106	0.48	106	0.48
107	0.96	107	0.95	107	0.50	107	0.50	107	0.53	107	0.52	107	0.48	107	0.48
108	0.96	108	0.95	108	0.50	108	0.50	108	0.53	108	0.52	108	0.48	108	0.48
109	0.96	109	0.95	109	0.50	109	0.50	109	0.53	109	0.52	109	0.48	109	0.48
110	0.96	110	0.95	110	0.50	110	0.50	110	0.53	110	0.52	110	0.48	110	0.48
111	0.96	111	0.95	111	0.50	111	0.50	111	0.53	111	0.52	111	0.48	111	0.48
112	0.96	112	0.95	112	0.50	112	0.50	112	0.53	112	0.52	112	0.48	112	0.48
113	0.96	113	0.95	113	0.50	113	0.50	113	0.53	113	0.52	113	0.48	113	0.48
114	0.96	114	0.95	114	0.50	114	0.50	114	0.53	114	0.52	114	0.48	114	0.48
115	0.96	115	0.95	115	0.50	115	0.50	115	0.53	115	0.52	115	0.48	115	0.48
116	0.96	116	0.95	116	0.50	116	0.50	116	0.53	116	0.52	116	0.48	116	0.48
117	0.96	117	0.95	117	0.50	117	0.50	117	0.53	117	0.52	117	0.48	117	0.48
118	0.96	118	0.95	118	0.50	118	0.50	118	0.53	118	0.52	118	0.48	118	0.48
119	0.96	119	0.96	119	0.50	119	0.50	119	0.53	119	0.52	119	0.48	119	0.48
120	0.96	120	0.96	120	0.50	120	0.50	120	0.53	120	0.53	120	0.48	120	0.48
121	0.96	121	0.96	121	0.51	121	0.50	121	0.53	121	0.53	121	0.48	121	0.48
122	0.96	122	0.96	122	0.51	122	0.50	122	0.53	122	0.53	122	0.48	122	0.48
123	0.96	123	0.96	123	0.51	123	0.50	123	0.53	123	0.53	123	0.48	123	0.49
124	0.96	124	0.96	124	0.51	124	0.50	124	0.53	124	0.53	124	0.48	124	0.49
125	0.96	125	0.96	125	0.51	125	0.50	125	0.53	125	0.53	125	0.48	125	0.49
126	0.96	126	0.96	126	0.51	126	0.51	126	0.53	126	0.53	126	0.48	126	0.49
127	0.96	127	0.96	127	0.51	127	0.51	127	0.53	127	0.53	127	0.48	127	0.49
128	0.96	128	0.96	128	0.51	128	0.51	128	0.53	128	0.53	128	0.48	128	0.49
129	0.96	129	0.96	129	0.51	129	0.51	129	0.53	129	0.53	129	0.48	129	0.49
130	0.96	130	0.96	130	0.51	130	0.51	130	0.54	130	0.53	130	0.48	130	0.49
131	0.96	131	0.96	131	0.51	131	0.51	131	0.54	131	0.53	131	0.48	131	0.49
132	0.96	132	0.96	132	0.51	132	0.51	132	0.54	132	0.53	132	0.48	132	0.49
133	0.96	133	0.96	133	0.51	133	0.51	133	0.54	133	0.53	133	0.48	133	0.49
134	0.96	134	0.96	134	0.51	134	0.51	134	0.54	134	0.53	134	0.48	134	0.49
135	0.96	135	0.96	135	0.51	135	0.51	135	0.54	135	0.53	135	0.49	135	0.49
136	0.96	136	0.96	136	0.51	136	0.51	136	0.54	136	0.53	136	0.49	136	0.49
137	0.96	137	0.96	137	0.51	137	0.51	137	0.54	137	0.53	137	0.49	137	0.49
138	0.96	138	0.96	138	0.51	138	0.51	138	0.54	138	0.53	138	0.49	138	0.49
139	0.96	139	0.96	139	0.51	139	0.51	139	0.54	139	0.53	139	0.49	139	0.49
140	0.96	140	0.96	140	0.51	140	0.51	140	0.54	140	0.53	140	0.49	140	0.49
141	0.96	141	0.96	141	0.51	141	0.51	141	0.54	141	0.53	141	0.49	141	0.49
142	0.96	142	0.96	142	0.51	142	0.51	142	0.54	142	0.53	142	0.49	142	0.49
143	0.96	143	0.96	143	0.51	143	0.51	143	0.54	143	0.53	143	0.49	143	0.49
144	0.96	144	0.96	144	0.51	144	0.51	144	0.54	144	0.53	144	0.49	144	0.49
145	0.96	145	0.96	145	0.51	145	0.51	145	0.54	145	0.53	145	0.49	145	0.49
146	0.96	146	0.96	146	0.51	146	0.51	146	0.54	146	0.53	146	0.49	146	0.49
147	0.96	147	0.97	147	0.51	147	0.51	147	0.54	147	0.53	147	0.49	147	0.49
148	0.96	148	0.97	148	0.51	148	0.51	148	0.54	148	0.53	148	0.49	148	0.49
149	0.96	149	0.97	149	0.51	149	0.51	149	0.54	149	0.53	149	0.49	149	0.49
150	0.96	150	0.97	150	0.51	150	0.51	150	0.54	150	0.53	150	0.49	150	0.49
151	0.96	151	0.97	151	0.51	151	0.51	151	0.54	151	0.53	151	0.49	151	0.49
152	0.96	152	0.97	152	0.51	152	0.51	152	0.54	152	0.53	152	0.49	152	0.49
153	0.96	153	0.97	153	0.51	153	0.51	153	0.54	153	0.53	153	0.49	153	0.49
154	0.96	154	0.97	154	0.51	154	0.51	154	0.54	154	0.53	154	0.49	154	0.49
155	0.96	155	0.97	155	0.51	155	0.51	155	0.55	155	0.54	155	0.49	155	0.49
156	0.96	156	0.97	156	0.51	156	0.51	156	0.55	156	0.54	156	0.49	156	0.49
157	0.96	157	0.97	157	0.51	157	0.51	157	0.55	157	0.54	157	0.49	157	0.49
158	0.97	158	0.97	158	0.51	158	0.51	158	0.55	158	0.54	158	0.49	158	0.49
159	0.97	159	0.97	159	0.51	159	0.51	159	0.55	159	0.54	159	0.49	159	0.49
160	0.97	160	0.97	160	0.51	160	0.51	160	0.55	160	0.54	160	0.49	160	0.49
161	0.97	161	0.97	161	0.51	161	0.51	161	0.55	161	0.54	161	0.49	161	0.49
162	0.97	162	0.97	162	0.51	162	0.51	162	0.55	162	0.54	162	0.49	162	0.49
163	0.97	163	0.98	163	0.51	163	0.51	163	0.55	163	0.54	163	0.49	163	0.49
164	0.97	164	0.98	164	0.52	164	0.51	164	0.55	164	0.54	164	0.49	164	0.49
165	0.97	165	0.98	165	0.52	165	0.51	165	0.55	165	0.54	165	0.49	165	0.49
166	0.97	166	0.98	166	0.52	166	0.51	166	0.55	166	0.54	166	0.49	166	0.49
167	0.97	167	0.98	167	0.52	167	0.51	167	0.55	167	0.54	167	0.49	167	0.49
168	0.97	168	0.98	168	0.52	168	0.51	168	0.55	168	0.54	168	0.49	168	0.49
169	0.97	169	0.98	169	0.52	169	0.51	169	0.55	169	0.54	169	0.49	169	0.49
170	0.97	170	0.98	170	0.52	170	0.51	170	0.55	170	0.54	170	0.49	170	0.49
171	0.97	171	0.98	171	0.52	171	0.51	171	0.55	171	0.54	171	0.49	171	0.49
172	0.97	172	0.98	172	0.52	172	0.51	172	0.55	172	0.54	172	0.49	172	0.49
173	0.97	173	0.98	173	0.52	173	0.51	173	0.55	173	0.54	173	0.49	173	0.49
174	0.97	174	0.98	174	0.52	174	0.51	174	0.55	174	0.54	174	0.49	174	0.49
175	0.97	175	0.98	175	0.52	175	0.51	175	0.55	175	0.54	175	0.49	175	0.49
176	0.97	176	0.98	176	0.52	176	0.51	176	0.55	176	0.54	176	0.49	176	0.49
177	0.97	177	0.98	177	0.52	177	0.51	177	0.55	177	0.54	177	0.49	177	0.49
178	0.97	178	0.98	178	0.52	178	0.52	178	0.56	178	0.54	178	0.49	178	0.49
179	0.97	179	0.98	179	0.52	179	0.52	179	0.56	179	0.54	179	0.49	179	0.49
180	0.97	180	0.98	180	0.52	180	0.52	180	0.56	180	0.54	180	0.49	180	0.49
181	0.97	181	0.98	181	0.52	181	0.52	181	0.56	181	0.54	181	0.49	181	0.49
182	0.97	182	0.98	182	0.52	182	0.52	182	0.56	182	0.54	182	0.49	182	0.50
183	0.97	183	0.98	183	0.52	183	0.52	183	0.56	183	0.54	183	0.49	183	0.50
184	0.97	184	0.98	184	0.52	184	0.52	184	0.56	184	0.54	184	0.49	184	0.50
185	0.97	185	0.98	185	0.52	185	0.52	185	0.56	185	0.54	185	0.49	185	0.50
186	0.97	186	0.98	186	0.52	186	0.52	186	0.56	186					

aa5052 a		AA5052 b		Eutectoid a		Eutectoid b		316 stainless a		316 stainless b		Nimonic901 a		Nimonic901 b	
T	°C	T	°C	T	°C	T	°C	T	°C	T	°C	T	°C	T	°C
Cp	J/g/K	Cp	J/g/K	Cp	J/g/K	Cp	J/g/K	Cp	J/g/K	Cp	J/g/K	Cp	J/g/K	Cp	J/g/K
187	0.97	187	0.98	187	0.52	187	0.52	187	0.56	187	0.54	187	0.49	187	0.50
188	0.97	188	0.98	188	0.52	188	0.52	188	0.56	188	0.54	188	0.49	188	0.50
189	0.97	189	0.99	189	0.52	189	0.52	189	0.56	189	0.54	189	0.49	189	0.50
190	0.97	190	0.99	190	0.52	190	0.52	190	0.56	190	0.54	190	0.49	190	0.50
191	0.97	191	0.99	191	0.52	191	0.52	191	0.56	191	0.54	191	0.49	191	0.50
192	0.97	192	0.99	192	0.52	192	0.52	192	0.56	192	0.54	192	0.49	192	0.50
193	0.97	193	0.99	193	0.52	193	0.52	193	0.56	193	0.55	193	0.50	193	0.50
194	0.97	194	0.99	194	0.52	194	0.52	194	0.56	194	0.55	194	0.50	194	0.50
195	0.97	195	0.99	195	0.52	195	0.52	195	0.56	195	0.55	195	0.50	195	0.50
196	0.97	196	0.99	196	0.52	196	0.52	196	0.56	196	0.55	196	0.50	196	0.50
197	0.97	197	0.99	197	0.52	197	0.52	197	0.56	197	0.55	197	0.50	197	0.50
198	0.97	198	0.99	198	0.52	198	0.52	198	0.56	198	0.55	198	0.50	198	0.50
199	0.97	199	0.99	199	0.52	199	0.52	199	0.56	199	0.55	199	0.50	199	0.50
200	0.97	200	0.99	200	0.52	200	0.52	200	0.56	200	0.55	200	0.50	200	0.50
201	0.97	201	0.99	201	0.52	201	0.52	201	0.56	201	0.55	201	0.50	201	0.50
202	0.97	202	0.99	202	0.52	202	0.52	202	0.56	202	0.55	202	0.50	202	0.50
203	0.97	203	0.99	203	0.52	203	0.52	203	0.56	203	0.55	203	0.50	203	0.50
204	0.97	204	0.99	204	0.52	204	0.52	204	0.56	204	0.55	204	0.50	204	0.50
205	0.97	205	0.99	205	0.52	205	0.52	205	0.56	205	0.55	205	0.50	205	0.50
206	0.97	206	0.99	206	0.52	206	0.52	206	0.56	206	0.55	206	0.50	206	0.50
207	0.97	207	0.99	207	0.52	207	0.52	207	0.56	207	0.55	207	0.50	207	0.50
208	0.97	208	0.99	208	0.52	208	0.52	208	0.56	208	0.55	208	0.50	208	0.50
209	0.97	209	0.99	209	0.52	209	0.52	209	0.56	209	0.55	209	0.50	209	0.50
210	0.97	210	0.99	210	0.52	210	0.52	210	0.56	210	0.55	210	0.50	210	0.50
211	0.97	211	0.99	211	0.52	211	0.52	211	0.56	211	0.55	211	0.50	211	0.50
212	0.98	212	0.99	212	0.52	212	0.52	212	0.56	212	0.55	212	0.50	212	0.50
213	0.98	213	0.99	213	0.52	213	0.52	213	0.56	213	0.55	213	0.50	213	0.50
214	0.98	214	0.99	214	0.52	214	0.52	214	0.56	214	0.55	214	0.50	214	0.50
215	0.98	215	1.00	215	0.52	215	0.52	215	0.56	215	0.55	215	0.50	215	0.50
216	0.98	216	1.00	216	0.52	216	0.52	216	0.56	216	0.55	216	0.50	216	0.50
217	0.98	217	1.00	217	0.52	217	0.52	217	0.56	217	0.55	217	0.50	217	0.50
218	0.98	218	1.00	218	0.52	218	0.52	218	0.56	218	0.55	218	0.50	218	0.50
219	0.98	219	1.00	219	0.52	219	0.52	219	0.56	219	0.55	219	0.50	219	0.50
220	0.98	220	1.00	220	0.53	220	0.52	220	0.56	220	0.55	220	0.50	220	0.50
221	0.98	221	1.00	221	0.53	221	0.52	221	0.56	221	0.55	221	0.50	221	0.50
222	0.98	222	1.00	222	0.53	222	0.52	222	0.56	222	0.55	222	0.50	222	0.50
223	0.98	223	1.00	223	0.53	223	0.52	223	0.56	223	0.55	223	0.50	223	0.50
224	0.98	224	1.00	224	0.53	224	0.52	224	0.56	224	0.55	224	0.50	224	0.50
225	0.98	225	1.00	225	0.53	225	0.52	225	0.56	225	0.55	225	0.50	225	0.50
226	0.98	226	1.00	226	0.53	226	0.52	226	0.56	226	0.55	226	0.50	226	0.50
227	0.98	227	1.00	227	0.53	227	0.52	227	0.56	227	0.55	227	0.50	227	0.50
228	0.98	228	1.00	228	0.53	228	0.52	228	0.56	228	0.55	228	0.50	228	0.50
229	0.98	229	1.00	229	0.53	229	0.52	229	0.56	229	0.55	229	0.50	229	0.50
230	0.98	230	1.00	230	0.53	230	0.52	230	0.56	230	0.55	230	0.50	230	0.50
231	0.98	231	1.00	231	0.53	231	0.52	231	0.56	231	0.55	231	0.50	231	0.50
232	0.98	232	1.00	232	0.53	232	0.52	232	0.57	232	0.55	232	0.50	232	0.50
233	0.98	233	1.00	233	0.53	233	0.52	233	0.57	233	0.55	233	0.50	233	0.50
234	0.98	234	1.00	234	0.53	234	0.52	234	0.57	234	0.55	234	0.50	234	0.50
235	0.98	235	1.00	235	0.53	235	0.52	235	0.57	235	0.55	235	0.50	235	0.50
236	0.98	236	1.00	236	0.53	236	0.52	236	0.57	236	0.55	236	0.50	236	0.50
237	0.98	237	1.00	237	0.53	237	0.52	237	0.57	237	0.55	237	0.50	237	0.50
238	0.98	238	1.00	238	0.53	238	0.52	238	0.57	238	0.55	238	0.50	238	0.50
239	0.98	239	1.00	239	0.53	239	0.52	239	0.57	239	0.55	239	0.50	239	0.50
240	0.98	240	1.00	240	0.53	240	0.52	240	0.57	240	0.55	240	0.50	240	0.50
241	0.98	241	1.00	241	0.53	241	0.52	241	0.57	241	0.55	241	0.50	241	0.50
242	0.98	242	1.00	242	0.53	242	0.52	242	0.57	242	0.55	242	0.50	242	0.50
243	0.98	243	1.00	243	0.53	243	0.52	243	0.57	243	0.55	243	0.50	243	0.50
244	0.98	244	1.00	244	0.53	244	0.52	244	0.57	244	0.55	244	0.50	244	0.50
245	0.98	245	1.00	245	0.53	245	0.52	245	0.57	245	0.55	245	0.50	245	0.50
246	0.98	246	1.00	246	0.53	246	0.52	246	0.57	246	0.55	246	0.50	246	0.50
247	0.98	247	1.00	247	0.53	247	0.52	247	0.57	247	0.56	247	0.50	247	0.50
248	0.98	248	1.01	248	0.53	248	0.52	248	0.57	248	0.56	248	0.50	248	0.50
249	0.98	249	1.01	249	0.53	249	0.52	249	0.57	249	0.56	249	0.50	249	0.50
250	0.98	250	1.01	250	0.53	250	0.52	250	0.57	250	0.56	250	0.50	250	0.50
251	0.98	251	1.01	251	0.53	251	0.52	251	0.57	251	0.56	251	0.50	251	0.50
252	0.98	252	1.01	252	0.53	252	0.52	252	0.57	252	0.56	252	0.50	252	0.50
253	0.98	253	1.01	253	0.53	253	0.52	253	0.57	253	0.56	253	0.50	253	0.50
254	0.98	254	1.01	254	0.53	254	0.52	254	0.57	254	0.56	254	0.50	254	0.50
255	0.98	255	1.01	255	0.53	255	0.53	255	0.57	255	0.56	255	0.50	255	0.50
256	0.98	256	1.01	256	0.53	256	0.53	256	0.57	256	0.56	256	0.50	256	0.50
257	0.98	257	1.01	257	0.53	257	0.53	257	0.57	257	0.56	257	0.50	257	0.50
258	0.98	258	1.01	258	0.53	258	0.53	258	0.57	258	0.56	258	0.50	258	0.50
259	0.99	259	1.01	259	0.53	259	0.53	259	0.57	259	0.56	259	0.50	259	0.51
260	0.99	260	1.01	260	0.53	260	0.53	260	0.57	260	0.56	260	0.50	260	0.51
261	0.99	261	1.01	261	0.53	261	0.53	261	0.57	261	0.56	261	0.50	261	0.51
262	0.99	262	1.01	262	0.53	262	0.53	262	0.58	262	0.56	262	0.50	262	0.51
263	0.99	263	1.01	263	0.53	263	0.53	263	0.58	263	0.56	263	0.50	263	0.51
264	0.99	264	1.01	264	0.53	264	0.53	264	0.58	264	0.56	264	0.50	264	0.51
265	0.99	265	1.01	265	0.53	265	0.53	265	0.58	265	0.56	265	0.50	265	0.51
266	0.99	266	1.01	266	0.53	266	0.53	266	0.58	266	0.56	266	0.50	266	0.51
267	0.99	267	1.01	267	0.53	267	0.53	267	0.58	267	0.56	267	0.51	267	0.51
268	0.99	268	1.01	268	0.53	268	0.53	268	0.58	268	0.56	268	0.51	268	0.51
269	0.99	269	1.01	269	0.53	269	0.53	269	0.58	269	0.56	269	0.51	269	0.51
270	0.99	270	1.01	270	0.53	270	0.53	270	0.58	270	0.56	270	0.51	270	0.51
271	0.99	271	1.												

aa5052 a		AA5052 b		Eutectoid a		Eutectoid b		316 stainless a		316 stainless b		Nimonic901 a		Nimonic901 b	
T °C	Cp J/g/K	T °C	Cp J/g/K	T °C	Cp J/g/K	T °C	Cp J/g/K	T °C	Cp J/g/K	T °C	Cp J/g/K	T °C	Cp J/g/K	T °C	Cp J/g/K
361	1.04	361	1.05	361	0.55	361	0.54	361	0.61	361	0.57	361	0.51	361	0.52
362	1.04	362	1.05	362	0.55	362	0.54	362	0.61	362	0.57	362	0.51	362	0.52
363	1.04	363	1.05	363	0.55	363	0.54	363	0.61	363	0.57	363	0.51	363	0.52
364	1.04	364	1.05	364	0.55	364	0.54	364	0.61	364	0.57	364	0.51	364	0.52
365	1.04	365	1.05	365	0.55	365	0.54	365	0.61	365	0.57	365	0.51	365	0.52
366	1.04	366	1.05	366	0.55	366	0.54	366	0.62	366	0.57	366	0.51	366	0.52
367	1.04	367	1.05	367	0.55	367	0.54	367	0.62	367	0.57	367	0.52	367	0.52
368	1.04	368	1.06	368	0.55	368	0.54	368	0.62	368	0.57	368	0.52	368	0.52
369	1.04	369	1.06	369	0.55	369	0.54	369	0.62	369	0.57	369	0.52	369	0.52
370	1.04	370	1.06	370	0.55	370	0.54	370	0.62	370	0.57	370	0.52	370	0.52
371	1.04	371	1.06	371	0.55	371	0.54	371	0.62	371	0.57	371	0.52	371	0.52
372	1.04	372	1.06	372	0.55	372	0.54	372	0.62	372	0.57	372	0.52	372	0.52
373	1.04	373	1.06	373	0.55	373	0.54	373	0.62	373	0.57	373	0.52	373	0.52
374	1.04	374	1.06	374	0.55	374	0.54	374	0.62	374	0.57	374	0.52	374	0.52
375	1.04	375	1.06	375	0.55	375	0.54	375	0.62	375	0.57	375	0.52	375	0.52
376	1.04	376	1.06	376	0.55	376	0.54	376	0.62	376	0.57	376	0.52	376	0.52
377	1.05	377	1.06	377	0.55	377	0.54	377	0.62	377	0.57	377	0.52	377	0.52
378	1.05	378	1.06	378	0.55	378	0.54	378	0.62	378	0.57	378	0.52	378	0.52
379	1.05	379	1.06	379	0.55	379	0.54	379	0.62	379	0.57	379	0.52	379	0.52
380	1.05	380	1.06	380	0.55	380	0.54	380	0.62	380	0.57	380	0.52	380	0.52
381	1.05	381	1.06	381	0.55	381	0.54	381	0.62	381	0.57	381	0.52	381	0.52
382	1.05	382	1.06	382	0.55	382	0.54	382	0.62	382	0.57	382	0.52	382	0.52
383	1.05	383	1.06	383	0.55	383	0.54	383	0.62	383	0.57	383	0.52	383	0.52
384	1.05	384	1.06	384	0.55	384	0.54	384	0.62	384	0.57	384	0.52	384	0.52
385	1.05	385	1.06	385	0.55	385	0.54	385	0.62	385	0.57	385	0.52	385	0.52
386	1.05	386	1.06	386	0.55	386	0.54	386	0.63	386	0.57	386	0.52	386	0.52
387	1.05	387	1.06	387	0.55	387	0.54	387	0.63	387	0.57	387	0.52	387	0.52
388	1.05	388	1.06	388	0.55	388	0.54	388	0.63	388	0.57	388	0.52	388	0.52
389	1.05	389	1.07	389	0.55	389	0.54	389	0.63	389	0.57	389	0.52	389	0.52
390	1.05	390	1.07	390	0.55	390	0.54	390	0.63	390	0.57	390	0.52	390	0.52
391	1.05	391	1.07	391	0.55	391	0.54	391	0.63	391	0.57	391	0.52	391	0.52
392	1.05	392	1.07	392	0.55	392	0.54	392	0.63	392	0.57	392	0.52	392	0.52
393	1.05	393	1.07	393	0.55	393	0.54	393	0.63	393	0.57	393	0.52	393	0.52
394	1.05	394	1.07	394	0.55	394	0.54	394	0.63	394	0.57	394	0.52	394	0.52
395	1.05	395	1.07	395	0.55	395	0.54	395	0.63	395	0.57	395	0.52	395	0.52
396	1.05	396	1.07	396	0.55	396	0.54	396	0.63	396	0.57	396	0.52	396	0.52
397	1.05	397	1.07	397	0.55	397	0.54	397	0.63	397	0.57	397	0.52	397	0.52
398	1.05	398	1.07	398	0.55	398	0.54	398	0.63	398	0.58	398	0.52	398	0.52
399	1.05	399	1.07	399	0.55	399	0.54	399	0.63	399	0.58	399	0.52	399	0.52
400	1.05	400	1.07	400	0.55	400	0.54	400	0.63	400	0.58	400	0.52	400	0.52
401	1.05	401	1.07	401	0.55	401	0.54	401	0.63	401	0.58	401	0.52	401	0.52
402	1.05	402	1.07	402	0.55	402	0.54	402	0.63	402	0.58	402	0.52	402	0.52
403	1.05	403	1.07	403	0.55	403	0.54	403	0.63	403	0.58	403	0.52	403	0.52
404	1.05	404	1.07	404	0.55	404	0.54	404	0.63	404	0.58	404	0.52	404	0.52
405	1.05	405	1.07	405	0.55	405	0.54	405	0.64	405	0.58	405	0.52	405	0.52
406	1.05	406	1.08	406	0.55	406	0.54	406	0.64	406	0.58	406	0.52	406	0.52
407	1.05	407	1.08	407	0.55	407	0.54	407	0.64	407	0.58	407	0.52	407	0.52
408	1.05	408	1.08	408	0.55	408	0.54	408	0.64	408	0.58	408	0.52	408	0.52
409	1.05	409	1.08	409	0.55	409	0.54	409	0.64	409	0.58	409	0.52	409	0.52
410	1.05	410	1.08	410	0.55	410	0.54	410	0.64	410	0.58	410	0.52	410	0.52
411	1.05	411	1.08	411	0.55	411	0.54	411	0.64	411	0.58	411	0.52	411	0.52
412	1.05	412	1.08	412	0.55	412	0.54	412	0.64	412	0.58	412	0.52	412	0.52
413	1.06	413	1.08	413	0.55	413	0.54	413	0.64	413	0.58	413	0.52	413	0.52
414	1.06	414	1.08	414	0.55	414	0.54	414	0.64	414	0.58	414	0.52	414	0.52
415	1.06	415	1.08	415	0.55	415	0.54	415	0.64	415	0.58	415	0.52	415	0.52
416	1.06	416	1.08	416	0.55	416	0.54	416	0.64	416	0.58	416	0.52	416	0.52
417	1.06	417	1.09	417	0.55	417	0.54	417	0.64	417	0.58	417	0.52	417	0.52
418	1.06	418	1.09	418	0.55	418	0.54	418	0.64	418	0.58	418	0.52	418	0.52
419	1.06	419	1.09	419	0.55	419	0.54	419	0.64	419	0.58	419	0.52	419	0.52
420	1.06	420	1.09	420	0.55	420	0.54	420	0.64	420	0.58	420	0.52	420	0.52
421	1.06	421	1.09	421	0.55	421	0.54	421	0.64	421	0.58	421	0.52	421	0.52
422	1.06	422	1.09	422	0.55	422	0.54	422	0.64	422	0.58	422	0.52	422	0.52
423	1.06	423	1.09	423	0.55	423	0.54	423	0.64	423	0.58	423	0.52	423	0.52
424	1.06	424	1.09	424	0.55	424	0.54	424	0.64	424	0.58	424	0.52	424	0.52
425	1.06	425	1.09	425	0.55	425	0.54	425	0.65	425	0.58	425	0.52	425	0.52
426	1.07	426	1.09	426	0.55	426	0.54	426	0.65	426	0.58	426	0.52	426	0.52
427	1.07	427	1.10	427	0.55	427	0.54	427	0.65	427	0.58	427	0.52	427	0.52
428	1.07	428	1.10	428	0.55	428	0.54	428	0.65	428	0.58	428	0.52	428	0.52
429	1.07	429	1.10	429	0.55	429	0.55	429	0.65	429	0.58	429	0.52	429	0.53
430	1.07	430	1.10	430	0.55	430	0.55	430	0.65	430	0.58	430	0.52	430	0.53
431	1.07	431	1.10	431	0.55	431	0.55	431	0.65	431	0.58	431	0.52	431	0.53
432	1.07	432	1.10	432	0.55	432	0.55	432	0.65	432	0.58	432	0.52	432	0.53
433	1.07	433	1.10	433	0.55	433	0.55	433	0.65	433	0.58	433	0.52	433	0.53
434	1.07	434	1.10	434	0.55	434	0.55	434	0.65	434	0.58	434	0.52	434	0.53
435	1.07	435	1.10	435	0.55	435	0.55	435	0.65	435	0.58	435	0.52	435	0.53
436	1.08	436	1.11	436	0.55	436	0.55	436	0.65	436	0.58	436	0.52	436	0.53
437	1.08	437	1.11	437	0.55	437	0.55	437	0.65	437	0.58	437	0.52	437	0.53
438	1.08	438	1.11	438	0.55	438	0.55	438	0.65	438	0.58	438	0.52	438	0.53
439	1.08	439	1.11	439	0.55	439	0.55	439	0.65	439	0.58	439	0.52	439	0.53
440	1.08	440	1.11	440	0.55	440	0.55	440	0.65	440	0.58	440	0.52	440	0.53
441	1.08	441	1.11	441	0.55	441	0.55	441	0.65	441	0.58	441	0.52	441	0.53
442	1.08	442	1.11	442	0.55	442	0.55	442	0.66	442	0.58	442	0.52	442	0.53
443	1.08	443	1.11	443	0.55	443	0.55	443	0.66	443	0.58	443	0.52	443	0.53
444	1.08	444	1.11	444	0.55	444	0.55	444	0.66	444	0.58	444	0.52	444	0.53
445	1.08	445	1.12	445	0.55	445	0.55	445	0.66	445	0.58	445			

aa5052 a		AA5052 b		Eutectoid a		Eutectoid b		316 stainless a		316 stainless b		Nimonic901 a		Nimonic901 b	
T °C	Cp J/g/K	T °C	Cp J/g/K	T °C	Cp J/g/K	T °C	Cp J/g/K	T °C	Cp J/g/K	T °C	Cp J/g/K	T °C	Cp J/g/K	T °C	Cp J/g/K
448	1.09	448	1.12	448	0.55	448	0.55	448	0.66	448	0.58	448	0.52	448	0.53
449	1.09	449	1.12	449	0.55	449	0.55	449	0.66	449	0.58	449	0.52	449	0.53
450	1.09	450	1.12	450	0.55	450	0.55	450	0.66	450	0.58	450	0.52	450	0.53
451	1.09	451	1.12	451	0.55	451	0.55	451	0.66	451	0.58	451	0.52	451	0.53
452	1.09	452	1.12	452	0.55	452	0.55	452	0.66	452	0.58	452	0.52	452	0.53
453	1.09	453	1.12	453	0.55	453	0.55	453	0.66	453	0.58	453	0.52	453	0.53
454	1.09	454	1.12	454	0.55	454	0.55	454	0.66	454	0.58	454	0.52	454	0.53
455	1.09	455	1.12	455	0.55	455	0.55	455	0.66	455	0.58	455	0.52	455	0.53
456	1.09	456	1.13	456	0.55	456	0.55	456	0.66	456	0.58	456	0.52	456	0.53
457	1.10	457	1.13	457	0.55	457	0.55	457	0.66	457	0.58	457	0.52	457	0.53
458	1.10	458	1.13	458	0.55	458	0.55	458	0.67	458	0.58	458	0.52	458	0.53
459	1.10	459	1.13	459	0.55	459	0.55	459	0.67	459	0.58	459	0.52	459	0.53
460	1.10	460	1.13	460	0.55	460	0.55	460	0.67	460	0.58	460	0.52	460	0.53
461	1.10	461	1.13	461	0.55	461	0.55	461	0.67	461	0.58	461	0.52	461	0.53
462	1.10	462	1.13	462	0.55	462	0.55	462	0.67	462	0.58	462	0.52	462	0.53
463	1.10	463	1.13	463	0.55	463	0.55	463	0.67	463	0.58	463	0.52	463	0.53
464	1.10	464	1.13	464	0.55	464	0.55	464	0.67	464	0.58	464	0.52	464	0.53
465	1.10	465	1.13	465	0.55	465	0.55	465	0.67	465	0.58	465	0.52	465	0.53
466	1.11	466	1.13	466	0.55	466	0.55	466	0.67	466	0.58	466	0.52	466	0.53
467	1.11	467	1.13	467	0.55	467	0.55	467	0.67	467	0.58	467	0.52	467	0.53
468	1.11	468	1.13	468	0.55	468	0.55	468	0.67	468	0.58	468	0.52	468	0.53
469	1.11	469	1.13	469	0.55	469	0.55	469	0.67	469	0.58	469	0.52	469	0.53
470	1.11	470	1.13	470	0.55	470	0.55	470	0.67	470	0.58	470	0.52	470	0.53
471	1.11	471	1.13	471	0.55	471	0.55	471	0.67	471	0.58	471	0.52	471	0.53
472	1.11	472	1.13	472	0.55	472	0.55	472	0.67	472	0.58	472	0.52	472	0.53
473	1.12	473	1.13	473	0.55	473	0.55	473	0.67	473	0.58	473	0.52	473	0.53
474	1.12	474	1.13	474	0.56	474	0.55	474	0.67	474	0.58	474	0.52	474	0.53
475	1.12	475	1.13	475	0.56	475	0.55	475	0.68	475	0.58	475	0.52	475	0.53
476	1.12	476	1.13	476	0.56	476	0.55	476	0.68	476	0.58	476	0.52	476	0.53
477	1.12	477	1.13	477	0.56	477	0.55	477	0.68	477	0.58	477	0.52	477	0.53
478	1.12	478	1.13	478	0.56	478	0.55	478	0.68	478	0.58	478	0.52	478	0.53
479	1.13	479	1.13	479	0.56	479	0.55	479	0.68	479	0.58	479	0.52	479	0.53
480	1.13	480	1.13	480	0.56	480	0.55	480	0.68	480	0.58	480	0.52	480	0.53
481	1.13	481	1.13	481	0.56	481	0.55	481	0.68	481	0.58	481	0.52	481	0.53
482	1.13	482	1.13	482	0.56	482	0.55	482	0.68	482	0.58	482	0.52	482	0.53
483	1.13	483	1.13	483	0.56	483	0.55	483	0.68	483	0.59	483	0.52	483	0.53
484	1.13	484	1.13	484	0.56	484	0.55	484	0.68	484	0.59	484	0.52	484	0.53
485	1.13	485	1.14	485	0.56	485	0.55	485	0.68	485	0.59	485	0.52	485	0.53
486	1.13	486	1.14	486	0.56	486	0.55	486	0.68	486	0.59	486	0.52	486	0.53
487	1.14	487	1.14	487	0.56	487	0.55	487	0.68	487	0.59	487	0.52	487	0.53
488	1.14	488	1.14	488	0.56	488	0.55	488	0.68	488	0.59	488	0.52	488	0.53
489	1.14	489	1.14	489	0.56	489	0.55	489	0.69	489	0.59	489	0.52	489	0.53
490	1.14	490	1.14	490	0.56	490	0.55	490	0.69	490	0.59	490	0.52	490	0.53
491	1.14	491	1.14	491	0.56	491	0.55	491	0.69	491	0.59	491	0.52	491	0.53
492	1.14	492	1.14	492	0.56	492	0.55	492	0.69	492	0.59	492	0.52	492	0.53
493	1.14	493	1.14	493	0.56	493	0.55	493	0.69	493	0.59	493	0.52	493	0.53
494	1.15	494	1.14	494	0.56	494	0.55	494	0.69	494	0.59	494	0.52	494	0.53
495	1.15	495	1.14	495	0.56	495	0.55	495	0.69	495	0.59	495	0.52	495	0.53
496	1.15	496	1.14	496	0.56	496	0.55	496	0.69	496	0.59	496	0.52	496	0.53
497	1.15	497	1.15	497	0.56	497	0.56	497	0.69	497	0.59	497	0.52	497	0.53
498	1.15	498	1.15	498	0.56	498	0.56	498	0.69	498	0.59	498	0.52	498	0.53
499	1.15	499	1.15	499	0.56	499	0.56	499	0.69	499	0.59	499	0.52	499	0.53
500	1.15	500	1.15	500	0.56	500	0.56	500	0.69	500	0.59	500	0.52	500	0.53
501	1.16	501	1.15	501	0.56	501	0.56	501	0.69	501	0.59	501	0.52	501	0.53
502	1.16	502	1.15	502	0.56	502	0.56	502	0.69	502	0.59	502	0.52	502	0.53
503	1.16	503	1.15	503	0.56	503	0.56	503	0.69	503	0.59	503	0.52	503	0.53
504	1.16	504	1.15	504	0.56	504	0.56	504	0.70	504	0.59	504	0.52	504	0.53
505	1.16	505	1.15	505	0.56	505	0.56	505	0.70	505	0.59	505	0.52	505	0.53
506	1.16	506	1.15	506	0.56	506	0.56	506	0.70	506	0.59	506	0.52	506	0.53
507	1.17	507	1.15	507	0.56	507	0.56	507	0.70	507	0.59	507	0.52	507	0.53
508	1.17	508	1.15	508	0.56	508	0.56	508	0.70	508	0.59	508	0.52	508	0.53
509	1.17	509	1.15	509	0.56	509	0.56	509	0.70	509	0.59	509	0.52	509	0.53
510	1.17	510	1.15	510	0.56	510	0.56	510	0.70	510	0.59	510	0.52	510	0.53
511	1.17	511	1.15	511	0.56	511	0.56	511	0.70	511	0.59	511	0.52	511	0.53
512	1.17	512	1.15	512	0.56	512	0.56	512	0.70	512	0.59	512	0.52	512	0.53
513	1.17	513	1.15	513	0.56	513	0.56	513	0.70	513	0.59	513	0.52	513	0.53
514	1.18	514	1.16	514	0.56	514	0.56	514	0.70	514	0.59	514	0.52	514	0.53
515	1.18	515	1.16	515	0.56	515	0.56	515	0.70	515	0.59	515	0.52	515	0.53
516	1.18	516	1.16	516	0.56	516	0.56	516	0.71	516	0.59	516	0.52	516	0.53
517	1.18	517	1.16	517	0.56	517	0.56	517	0.71	517	0.59	517	0.52	517	0.53
518	1.18	518	1.16	518	0.56	518	0.56	518	0.71	518	0.59	518	0.52	518	0.53
519	1.18	519	1.16	519	0.56	519	0.56	519	0.71	519	0.59	519	0.52	519	0.53
520	1.18	520	1.16	520	0.56	520	0.56	520	0.71	520	0.59	520	0.52	520	0.53
521	1.18	521	1.16	521	0.56	521	0.56	521	0.71	521	0.59	521	0.52	521	0.53
522	1.19	522	1.16	522	0.56	522	0.56	522	0.71	522	0.59	522	0.52	522	0.53
523	1.19	523	1.16	523	0.56	523	0.56	523	0.71	523	0.59	523	0.52	523	0.53
524	1.19	524	1.17	524	0.56	524	0.56	524	0.71	524	0.59	524	0.52	524	0.53
525	1.19	525	1.17	525	0.56	525	0.56	525	0.71	525	0.59	525	0.52	525	0.53
526	1.19	526	1.17	526	0.56	526	0.56	526	0.71	526	0.59	526	0.52	526	0.53
527	1.19	527	1.17	527	0.56	527	0.56	527	0.71	527	0.59	527	0.52	527	0.53
528	1.19	528	1.17	528	0.56	528	0.56	528	0.71	528	0.59	528	0.52	528	0.53
529	1.19	529	1.17	529	0.56	529	0.56	529	0.72	529	0.59	529	0.52	529	0.53
530	1.19	530	1.17	530	0.56	530	0.56	530	0.72	530	0.59	530	0.52	530	0.53
531	1.20	531	1.17	531	0.56	531	0.56	531	0.72	531	0.59	531	0.51	531	0.52
532	1.20	532	1.18	532	0.56	532	0.56	532	0.72	532	0.59	532</			

aa5052 a		AA5052 b		Eutectoid a		Eutectoid b		316 stainless a		316 stainless b		Nimonic901 a		Nimonic901 b	
T °C	Cp J/g/K	T °C	Cp J/g/K	T °C	Cp J/g/K	T °C	Cp J/g/K	T °C	Cp J/g/K	T °C	Cp J/g/K	T °C	Cp J/g/K	T °C	Cp J/g/K
535	1.20	535	1.18	535	0.56	535	0.56	535	0.72	535	0.59	535	0.51	535	0.52
536	1.20	536	1.18	536	0.56	536	0.56	536	0.72	536	0.59	536	0.51	536	0.52
537	1.20	537	1.18	537	0.56	537	0.56	537	0.72	537	0.59	537	0.51	537	0.52
538	1.20	538	1.18	538	0.56	538	0.56	538	0.72	538	0.59	538	0.51	538	0.52
539	1.21	539	1.18	539	0.56	539	0.56	539	0.72	539	0.59	539	0.51	539	0.52
540	1.21	540	1.19	540	0.56	540	0.56	540	0.72	540	0.59	540	0.51	540	0.52
541	1.21	541	1.19	541	0.56	541	0.56	541	0.73	541	0.59	541	0.51	541	0.52
542	1.21	542	1.19	542	0.56	542	0.56	542	0.73	542	0.59	542	0.51	542	0.52
543	1.21	543	1.19	543	0.56	543	0.56	543	0.73	543	0.59	543	0.51	543	0.52
544	1.21	544	1.19	544	0.56	544	0.56	544	0.73	544	0.59	544	0.51	544	0.52
545	1.22	545	1.19	545	0.56	545	0.56	545	0.73	545	0.59	545	0.51	545	0.52
546	1.22	546	1.19	546	0.56	546	0.56	546	0.73	546	0.59	546	0.51	546	0.52
547	1.22	547	1.19	547	0.56	547	0.56	547	0.73	547	0.59	547	0.51	547	0.52
548	1.22			548	0.56	548	0.56	548	0.73	548	0.59	548	0.51	548	0.52
				549	0.56	549	0.56	549	0.73	549	0.59	549	0.51	549	0.52
				550	0.57	550	0.56	550	0.73	550	0.59	550	0.51	550	0.52
				551	0.57	551	0.56	551	0.74	551	0.59	551	0.51	551	0.52
				552	0.57	552	0.56	552	0.74	552	0.59	552	0.51	552	0.52
				553	0.57	553	0.56	553	0.74	553	0.59	553	0.51	553	0.52
				554	0.57	554	0.56	554	0.74	554	0.59	554	0.51	554	0.52
				555	0.57	555	0.56	555	0.74	555	0.59	555	0.51	555	0.52
				556	0.57	556	0.56	556	0.74	556	0.59	556	0.51	556	0.52
				557	0.57	557	0.56	557	0.74	557	0.59	557	0.51	557	0.52
				558	0.57	558	0.56	558	0.74	558	0.59	558	0.51	558	0.52
				559	0.57	559	0.56	559	0.74	559	0.59	559	0.51	559	0.52
				560	0.57	560	0.56	560	0.74	560	0.59	560	0.51	560	0.52
				561	0.57	561	0.56	561	0.74	561	0.59	561	0.51	561	0.52
				562	0.57	562	0.56	562	0.75	562	0.59	562	0.51	562	0.52
				563	0.57	563	0.57	563	0.75	563	0.59	563	0.51	563	0.52
				564	0.57	564	0.57	564	0.75	564	0.59	564	0.51	564	0.52
				565	0.57	565	0.57	565	0.75	565	0.59	565	0.51	565	0.53
				566	0.57	566	0.57	566	0.75	566	0.59	566	0.51	566	0.53
				567	0.57	567	0.57	567	0.75	567	0.59	567	0.52	567	0.53
				568	0.57	568	0.57	568	0.75	568	0.59	568	0.52	568	0.53
				569	0.57	569	0.57	569	0.75	569	0.59	569	0.52	569	0.53
				570	0.57	570	0.57	570	0.75	570	0.59	570	0.52	570	0.53
				571	0.57	571	0.57	571	0.75	571	0.59	571	0.52	571	0.53
				572	0.57	572	0.57	572	0.76	572	0.59	572	0.52	572	0.53
				573	0.57	573	0.57	573	0.76	573	0.59	573	0.52	573	0.53
				574	0.57	574	0.57	574	0.76	574	0.59	574	0.52	574	0.53
				575	0.57	575	0.57	575	0.76	575	0.59	575	0.52	575	0.53
				576	0.57	576	0.57	576	0.76	576	0.59	576	0.52	576	0.53
				577	0.57	577	0.57	577	0.76	577	0.59	577	0.52	577	0.54
				578	0.57	578	0.57	578	0.76	578	0.59	578	0.52	578	0.54
				579	0.57	579	0.57	579	0.76	579	0.59	579	0.53	579	0.54
				580	0.57	580	0.57	580	0.76	580	0.59	580	0.53	580	0.54
				581	0.58	581	0.57	581	0.77	581	0.59	581	0.53	581	0.54
				582	0.58	582	0.58	582	0.77	582	0.60	582	0.53	582	0.54
				583	0.58	583	0.58	583	0.77	583	0.60	583	0.53	583	0.54
				584	0.58	584	0.58	584	0.77	584	0.60	584	0.53	584	0.54
				585	0.58	585	0.58	585	0.77	585	0.60	585	0.53	585	0.55
				586	0.58	586	0.58	586	0.77	586	0.60	586	0.54	586	0.55
				587	0.58	587	0.58	587	0.77	587	0.60	587	0.54	587	0.55
				588	0.58	588	0.58	588	0.77	588	0.60	588	0.54	588	0.55
				589	0.58	589	0.58	589	0.77	589	0.60	589	0.54	589	0.55
				590	0.58	590	0.58	590	0.78	590	0.60	590	0.54	590	0.55
				591	0.58	591	0.58	591	0.78	591	0.60	591	0.54	591	0.55
				592	0.58	592	0.58	592	0.78	592	0.60	592	0.55	592	0.56
				593	0.58	593	0.58	593	0.78	593	0.60	593	0.55	593	0.56
				594	0.58	594	0.58	594	0.78	594	0.60	594	0.55	594	0.56
				595	0.58	595	0.58	595	0.78	595	0.60	595	0.55	595	0.56
				596	0.59	596	0.58	596	0.78	596	0.60	596	0.55	596	0.56
				597	0.59	597	0.59	597	0.78	597	0.60	597	0.55	597	0.56
				598	0.59	598	0.59	598	0.78	598	0.60	598	0.55	598	0.57
				599	0.59	599	0.59	599	0.79	599	0.60	599	0.56	599	0.57
				600	0.59	600	0.59	600	0.79	600	0.60	600	0.56	600	0.57
				601	0.59	601	0.59	601	0.79	601	0.60	601	0.56	601	0.57
				602	0.59	602	0.59	602	0.79	602	0.60	602	0.56	602	0.57
				603	0.59	603	0.59	603	0.79	603	0.61	603	0.56	603	0.57

Appendix B

High temperature specific heat data

Eutectoid steel

1566a, PDZ3 RPT, 712-869°C, 10.0°C/min, 144.80 mg
PDZ3 RPT
1566a 17/07/00
144.800 mg
712.39 - 869.27 °C
T(°C), Cp(J/gK)

1566a, Pt

712.4 1.02
712.7 1.02
713.0 1.02
713.3 1.02
713.6 1.03
713.9 1.02
714.2 1.02
714.5 1.03
714.9 1.02
715.1 1.02
715.5 1.02
715.8 1.02
716.1 1.02
716.4 1.02
716.7 1.03
717.0 1.02
717.3 1.03
717.7 1.02
718.0 1.03
718.3 1.03
718.6 1.03
719.0 1.03
719.3 1.03
719.6 1.03
719.9 1.03
720.3 1.03
720.6 1.03
720.9 1.04
721.2 1.03
721.6 1.03
721.9 1.03
722.2 1.04
722.5 1.04
722.9 1.04
723.2 1.04
723.5 1.04
723.9 1.04
724.2 1.04
724.5 1.05
724.8 1.04
725.2 1.05
725.5 1.05
725.8 1.05
726.2 1.05
726.5 1.05
726.8 1.05
727.2 1.05
727.5 1.05
727.8 1.06
728.2 1.05
728.5 1.06
728.8 1.06
729.2 1.06
729.5 1.06
729.8 1.06
730.2 1.06
730.5 1.07
730.9 1.07
731.2 1.07
731.5 1.07
731.9 1.07
732.2 1.07
732.5 1.08
732.8 1.08
733.2 1.07
733.5 1.08
733.8 1.09
734.2 1.09
734.5 1.10
734.8 1.11
735.2 1.12
735.5 1.14
735.8 1.16
736.1 1.20
736.4 1.25
736.7 1.31
736.9 1.39
737.1 1.48
737.4 1.57
737.6 1.69
737.8 1.81
738.1 1.93
738.3 2.06

738.5 2.19 770.2 0.89 800.2 0.73 830.4 0.73 860.6 0.72
738.7 2.32 770.5 0.88 800.6 0.73 830.7 0.73 861.0 0.72
738.9 2.45 770.9 0.87 800.9 0.73 831.0 0.73 861.3 0.72
739.1 2.57 771.2 0.85 801.2 0.72 831.4 0.73 861.6 0.72
739.4 2.71 771.5 0.85 801.6 0.73 831.7 0.73 861.9 0.72
739.6 2.82 771.8 0.83 801.9 0.73 832.1 0.73 862.3 0.73
739.8 2.93 772.2 0.83 802.3 0.73 832.4 0.73 862.6 0.72
740.1 3.06 772.5 0.82 802.5 0.73 832.7 0.73 863.0 0.72
740.3 3.19 772.8 0.81 802.9 0.73 833.1 0.73 863.3 0.73
740.5 3.28 773.2 0.80 803.2 0.73 833.4 0.73 863.6 0.72
740.8 3.39 773.5 0.80 803.6 0.73 833.8 0.73 864.0 0.72
741.0 3.52 773.8 0.79 803.9 0.73 834.1 0.73 864.3 0.73
741.3 3.62 774.2 0.78 804.2 0.73 834.4 0.72 864.6 0.72
741.5 3.70 774.5 0.78 804.6 0.73 834.8 0.73 865.0 0.73
741.8 3.83 774.8 0.77 804.9 0.73 835.1 0.73 865.3 0.72
742.1 3.92 775.1 0.77 805.2 0.73 835.4 0.73 865.6 0.72
742.4 4.02 775.5 0.77 805.6 0.73 835.8 0.73 866.0 0.73
742.6 4.12 775.8 0.76 805.9 0.74 836.1 0.73 866.3 0.73
742.9 4.20 776.1 0.76 806.2 0.73 836.5 0.73 866.6 0.72
743.1 4.27 776.5 0.76 806.6 0.73 836.8 0.72 866.9 0.72
743.4 4.35 776.8 0.75 806.9 0.73 837.1 0.73 867.3 0.72
743.7 4.44 777.2 0.75 807.2 0.73 837.4 0.73 867.6 0.72
744.0 4.53 777.5 0.75 807.6 0.73 837.8 0.73 867.9 0.72
744.3 4.60 777.8 0.75 807.9 0.73 838.1 0.72 868.3 0.72
744.6 4.67 778.1 0.74 808.2 0.73 838.5 0.72 868.6 0.72
744.9 4.73 778.5 0.74 808.6 0.73 838.8 0.73 868.9 0.72
745.2 4.77 778.8 0.74 808.9 0.73 839.1 0.73 869.3 0.72
745.5 4.87 779.1 0.74 809.2 0.73 839.5 0.73
745.8 4.91 779.5 0.74 809.6 0.73 839.8 0.72
746.1 4.95 779.8 0.73 809.9 0.73 840.1 0.72
746.4 4.99 780.1 0.73 810.2 0.73 840.5 0.72
746.7 5.04 780.5 0.73 810.6 0.73 840.8 0.72
747.1 5.03 780.8 0.73 810.9 0.73 841.2 0.72
747.4 5.08 781.2 0.73 811.2 0.73 841.5 0.72
747.8 5.08 781.5 0.73 811.6 0.73 841.9 0.73
748.2 5.08 781.8 0.73 811.9 0.73 842.2 0.72
748.5 5.06 782.1 0.73 812.3 0.73 842.5 0.72
748.9 5.02 782.5 0.73 812.6 0.73 842.9 0.72
749.3 4.97 782.8 0.73 812.9 0.73 843.2 0.72
749.6 4.90 783.2 0.73 813.3 0.73 843.5 0.72
750.2 4.84 783.5 0.73 813.6 0.72 843.9 0.72
750.6 4.71 783.8 0.73 813.9 0.73 844.2 0.72
751.1 4.64 784.1 0.73 814.2 0.73 844.5 0.72
751.5 4.52 784.5 0.73 814.6 0.73 844.9 0.72
752.0 4.41 784.8 0.73 814.9 0.72 845.2 0.72
752.5 4.27 785.2 0.73 815.3 0.73 845.5 0.72
753.0 4.15 785.5 0.73 815.6 0.72 845.9 0.72
753.4 4.03 785.8 0.73 815.9 0.72 846.2 0.72
753.9 3.89 786.2 0.72 816.3 0.73 846.6 0.72
754.4 3.76 786.5 0.73 816.6 0.73 846.9 0.72
754.8 3.61 786.8 0.73 816.9 0.72 847.2 0.72
755.3 3.49 787.2 0.73 817.3 0.73 847.6 0.72
755.8 3.32 787.5 0.73 817.6 0.73 847.9 0.72
756.3 3.18 787.8 0.72 817.9 0.73 848.3 0.72
756.8 3.03 788.1 0.72 818.3 0.73 848.6 0.72
757.2 2.88 788.5 0.73 818.6 0.73 848.9 0.72
757.7 2.74 788.8 0.73 819.0 0.73 849.3 0.72
758.1 2.61 789.2 0.73 819.3 0.73 849.6 0.72
758.6 2.48 789.5 0.72 819.6 0.72 849.9 0.72
759.0 2.37 789.8 0.72 819.9 0.73 850.3 0.72
759.4 2.26 790.2 0.73 820.3 0.73 850.6 0.72
759.8 2.16 790.5 0.73 820.6 0.73 851.0 0.72
760.2 2.06 790.8 0.73 821.0 0.73 851.3 0.72
760.6 1.96 791.2 0.73 821.3 0.73 851.6 0.72
761.0 1.89 791.5 0.73 821.6 0.73 852.0 0.72
761.4 1.80 791.9 0.73 822.0 0.73 852.3 0.72
761.8 1.73 792.2 0.73 822.3 0.73 852.6 0.72
762.2 1.66 792.5 0.73 822.6 0.73 853.0 0.72
762.6 1.60 792.9 0.73 823.0 0.73 853.3 0.72
762.9 1.54 793.2 0.73 823.3 0.73 853.6 0.72
763.3 1.48 793.5 0.73 823.6 0.73 854.0 0.72
763.7 1.43 793.9 0.73 824.0 0.73 854.3 0.72
764.0 1.38 794.2 0.73 824.3 0.73 854.6 0.72
764.4 1.34 794.5 0.73 824.6 0.73 855.0 0.72
764.7 1.29 794.9 0.73 825.0 0.72 855.3 0.72
765.1 1.25 795.2 0.73 825.3 0.73 855.7 0.72
765.4 1.22 795.6 0.73 825.6 0.73 856.0 0.72
765.8 1.17 795.9 0.73 826.0 0.73 856.3 0.72
766.1 1.14 796.2 0.73 826.3 0.73 856.7 0.72
766.5 1.12 796.6 0.73 826.7 0.73 857.0 0.72
766.8 1.08 796.9 0.73 827.0 0.72 857.3 0.72
767.2 1.06 797.3 0.73 827.3 0.73 857.6 0.72
767.5 1.04 797.6 0.73 827.7 0.73 858.0 0.72
767.8 1.01 797.9 0.73 828.0 0.73 858.3 0.72
768.2 0.98 798.3 0.73 828.3 0.73 858.7 0.73
768.5 0.97 798.6 0.73 828.7 0.73 859.0 0.72
768.8 0.95 798.9 0.73 829.0 0.73 859.3 0.72
769.2 0.93 799.3 0.73 829.3 0.73 859.6 0.72
769.5 0.92 799.6 0.73 829.7 0.73 860.0 0.72
769.8 0.90 799.9 0.73 830.0 0.73 860.3 0.72

1567a, PDZ3 RPT 863-963°C 10.0°C/min,	890.5	0.73	920.7	0.72	950.7	0.74
PDZ3 RPT	890.8	0.72	921.0	0.72	951.0	0.74
1567a	891.2	0.73	921.3	0.72	951.4	0.73
144.800 mg	891.5	0.73	921.6	0.72	951.7	0.74
	891.9	0.72	921.9	0.72	952.0	0.74
862.87 - 963.48 °C	892.2	0.73	922.3	0.72	952.4	0.74
T(°C), Cp(J/gK)	892.5	0.73	922.6	0.72	952.7	0.73
	892.9	0.73	923.0	0.73	953.1	0.73
	893.2	0.73	923.3	0.72	953.4	0.73
	893.5	0.73	923.6	0.72	953.7	0.73
	893.9	0.73	924.0	0.72	954.1	0.74
	894.2	0.73	924.3	0.72	954.4	0.73
	894.6	0.73	924.6	0.72	954.8	0.73
	894.9	0.73	924.9	0.72	955.1	0.73
	895.2	0.73	925.3	0.72	955.4	0.73
	895.6	0.73	925.6	0.72	955.8	0.73
	895.9	0.73	925.9	0.72	956.1	0.73
	896.2	0.73	926.3	0.72	956.4	0.73
	896.5	0.73	926.6	0.72	956.8	0.73
	896.9	0.72	926.9	0.72	957.1	0.73
	897.2	0.73	927.3	0.73	957.4	0.73
	897.6	0.73	927.6	0.72	957.8	0.73
	897.9	0.73	927.9	0.72	958.1	0.73
	898.2	0.73	928.3	0.72	958.4	0.73
	898.6	0.73	928.6	0.72	958.8	0.73
	898.9	0.73	928.9	0.72	959.1	0.73
	899.2	0.74	929.3	0.72	959.4	0.73
	899.6	0.73	929.6	0.72	959.8	0.73
	899.9	0.73	929.9	0.72	960.1	0.73
	900.2	0.74	930.3	0.72	960.4	0.73
	900.6	0.74	930.8	0.73	960.8	0.73
	900.9	0.75	930.9	0.72	961.1	0.73
	901.2	0.76	931.3	0.73	961.5	0.74
	901.6	0.76	931.6	0.72	961.8	0.74
	901.9	0.76	931.9	0.73	962.1	0.74
	902.2	0.77	932.3	0.73	962.5	0.74
	902.6	0.76	932.6	0.72	962.8	0.74
	902.9	0.76	932.9	0.72	963.2	0.74
	903.2	0.76	933.3	0.72		
	903.6	0.76	933.6	0.72		
	903.9	0.75	933.9	0.73		
	904.3	0.75	934.3	0.73		
	904.6	0.75	934.6	0.72		
	904.9	0.75	934.9	0.72		
	905.3	0.74	935.3	0.73		
	905.6	0.75	935.6	0.72		
	906.0	0.74	935.9	0.73		
	906.3	0.74	936.3	0.72		
	906.6	0.74	936.6	0.72		
	907.0	0.73	936.9	0.73		
	907.3	0.73	937.3	0.73		
	907.6	0.73	937.6	0.73		
	908.0	0.73	937.9	0.72		
	908.3	0.73	938.3	0.73		
	908.6	0.73	938.6	0.72		
	909.0	0.73	938.9	0.73		
	909.3	0.73	939.3	0.72		
	909.6	0.72	939.6	0.73		
	910.0	0.72	939.9	0.73		
	910.3	0.73	940.3	0.73		
	910.7	0.72	940.6	0.73		
	911.0	0.72	940.9	0.73		
	911.3	0.72	941.3	0.73		
	911.7	0.72	941.6	0.73		
	912.0	0.72	941.9	0.73		
	912.4	0.72	942.3	0.73		
	912.7	0.72	942.6	0.73		
	913.0	0.72	943.0	0.73		
	913.3	0.72	943.3	0.73		
	913.7	0.72	943.6	0.73		
	914.0	0.72	944.0	0.73		
	914.3	0.72	944.3	0.73		
	914.7	0.72	944.6	0.73		
	915.0	0.72	945.0	0.73		
	915.3	0.72	945.3	0.73		
	915.7	0.72	945.6	0.74		
	916.0	0.72	946.0	0.74		
	916.3	0.72	946.3	0.74		
	916.6	0.72	946.7	0.73		
	917.0	0.72	947.0	0.73		
	917.3	0.72	947.3	0.74		
	917.7	0.72	947.7	0.74		
	918.0	0.72	948.0	0.74		
	918.3	0.72	948.3	0.73		
	918.6	0.72	948.7	0.73		
	919.0	0.72	949.0	0.73		
	919.3	0.72	949.3	0.74		
	919.6	0.72	949.7	0.73		
	920.0	0.72	950.0	0.74		
	920.3	0.72	950.4	0.74		

1568a, PDZ3 . 958-1082°C. 10.0°C/min. 144.80
PDZ3
1568a
144.800 mg
10.0 °C/min

957.94 - 1081.93 °C
T(°C). Cp(J/gK)

1568a, PDZ3 St

957.9 0.73
958.3 0.73
958.6 0.73
959.0 0.73
959.3 0.73
959.6 0.73
960.0 0.73
960.3 0.73
960.6 0.73
961.0 0.73
961.3 0.73
961.7 0.73
962.0 0.73
962.3 0.73
962.7 0.73
963.0 0.73
963.3 0.73
963.7 0.74
964.0 0.73
964.3 0.74
964.7 0.73
965.0 0.73
965.4 0.73
965.7 0.73
966.0 0.73
966.4 0.73
966.7 0.73
967.0 0.73
967.3 0.73
967.7 0.73
968.0 0.74
968.4 0.73
968.7 0.73
969.1 0.73
969.4 0.73
969.7 0.73
970.1 0.73
970.4 0.73
970.7 0.73
971.0 0.73
971.4 0.73
971.7 0.73
972.0 0.74
972.4 0.74
972.7 0.73
973.0 0.74
973.3 0.73
973.7 0.73
974.0 0.73
974.4 0.73
974.7 0.73
975.0 0.73
975.4 0.73
975.7 0.73
976.0 0.73
976.4 0.73
976.7 0.73
977.0 0.73
977.4 0.73
977.7 0.73
978.0 0.73
978.4 0.73
978.7 0.73
979.0 0.73
979.4 0.73
979.7 0.73
980.0 0.73
980.3 0.73
980.7 0.73
981.0 0.73
981.3 0.73
981.7 0.74
982.0 0.73
982.3 0.73
982.7 0.73
983.0 0.73
983.4 0.73
983.7 0.73
984.0 0.73
984.3 0.73
984.7 0.73
985.0 0.73
985.4 0.73

985.7 0.73 1015.9 0.74 1046.0 0.74 1076.2 0.74
986.0 0.73 1016.2 0.74 1046.4 0.75 1076.5 0.75
986.4 0.73 1016.5 0.74 1046.7 0.74 1076.8 0.74
986.7 0.73 1016.9 0.74 1047.0 0.74 1077.2 0.74
987.0 0.73 1017.2 0.74 1047.4 0.74 1077.5 0.75
987.4 0.73 1017.6 0.74 1047.7 0.74 1077.9 0.75
987.7 0.73 1017.9 0.74 1048.1 0.74 1078.2 0.74
988.0 0.73 1018.2 0.74 1048.3 0.74 1078.5 0.75
988.3 0.73 1018.6 0.74 1048.7 0.74 1078.9 0.75
988.7 0.73 1018.9 0.74 1049.1 0.74 1079.2 0.75
989.0 0.73 1019.2 0.74 1049.4 0.74 1079.6 0.75
989.4 0.73 1019.6 0.74 1049.7 0.74 1079.9 0.75
989.7 0.73 1019.9 0.74 1050.0 0.74 1080.2 0.75
990.0 0.73 1020.3 0.74 1050.4 0.74 1080.6 0.75
990.4 0.73 1020.6 0.74 1050.7 0.74 1080.9 0.75
990.7 0.73 1020.9 0.74 1051.0 0.74 1081.2 0.75
991.0 0.73 1021.3 0.74 1051.4 0.74 1081.6 0.75
991.4 0.73 1021.6 0.74 1051.7 0.74 1081.9 0.75
991.7 0.74 1021.9 0.74 1052.0 0.74
992.0 0.73 1022.3 0.74 1052.4 0.74
992.4 0.73 1022.6 0.74 1052.7 0.74
992.7 0.73 1023.0 0.73 1053.1 0.74
993.0 0.73 1023.3 0.74 1053.4 0.74
993.4 0.74 1023.6 0.73 1053.7 0.74
993.7 0.74 1024.0 0.74 1054.0 0.74
994.0 0.73 1024.3 0.74 1054.4 0.75
994.4 0.73 1024.7 0.74 1054.7 0.74
994.7 0.73 1025.0 0.73 1055.1 0.74
995.0 0.73 1025.3 0.74 1055.4 0.74
995.4 0.73 1025.7 0.74 1055.7 0.74
995.7 0.73 1026.0 0.73 1056.1 0.74
996.0 0.73 1026.3 0.74 1056.4 0.75
996.4 0.73 1026.7 0.74 1056.7 0.75
996.7 0.73 1027.0 0.74 1057.1 0.75
997.1 0.73 1027.4 0.74 1057.4 0.74
997.4 0.73 1027.7 0.74 1057.8 0.75
997.7 0.73 1028.0 0.74 1058.1 0.74
998.0 0.73 1028.4 0.74 1058.4 0.74
998.4 0.73 1028.7 0.74 1058.7 0.74
998.7 0.73 1029.1 0.74 1059.1 0.74
999.1 0.73 1029.4 0.74 1059.4 0.75
999.4 0.73 1029.7 0.74 1059.7 0.75
999.7 0.73 1030.1 0.74 1060.1 0.74
1000.1 0.73 1030.4 0.74 1060.4 0.75
1000.4 0.73 1030.8 0.74 1060.7 0.75
1000.7 0.73 1031.1 0.74 1061.1 0.74
1001.1 0.73 1031.4 0.74 1061.4 0.75
1001.4 0.73 1031.8 0.74 1061.7 0.74
1001.7 0.73 1032.1 0.74 1062.0 0.75
1002.1 0.73 1032.4 0.74 1062.4 0.75
1002.4 0.74 1032.7 0.74 1062.8 0.75
1002.7 0.73 1033.1 0.74 1063.1 0.74
1003.1 0.74 1033.4 0.75 1063.4 0.74
1003.4 0.74 1033.7 0.74 1063.8 0.75
1003.8 0.74 1034.1 0.74 1064.1 0.74
1004.1 0.73 1034.4 0.74 1064.4 0.75
1004.4 0.74 1034.7 0.74 1064.8 0.74
1004.8 0.74 1035.0 0.74 1065.1 0.74
1005.1 0.73 1035.4 0.74 1065.4 0.74
1005.4 0.74 1035.7 0.75 1065.8 0.74
1005.8 0.73 1036.1 0.74 1066.1 0.74
1006.1 0.73 1036.4 0.74 1066.4 0.74
1006.4 0.74 1036.7 0.74 1066.8 0.74
1006.8 0.73 1037.1 0.74 1067.1 0.74
1007.1 0.73 1037.4 0.74 1067.4 0.74
1007.4 0.73 1037.7 0.75 1067.8 0.74
1007.8 0.73 1038.1 0.74 1068.1 0.74
1008.1 0.73 1038.4 0.74 1068.4 0.74
1008.4 0.73 1038.7 0.74 1068.8 0.74
1008.8 0.73 1039.1 0.74 1069.1 0.74
1009.1 0.73 1039.4 0.74 1069.4 0.74
1009.5 0.73 1039.7 0.74 1069.8 0.74
1009.8 0.73 1040.1 0.75 1070.1 0.74
1010.2 0.73 1040.4 0.75 1070.4 0.74
1010.5 0.73 1040.7 0.75 1070.8 0.74
1010.8 0.73 1041.0 0.74 1071.1 0.74
1011.2 0.73 1041.4 0.75 1071.4 0.75
1011.5 0.73 1041.7 0.75 1071.8 0.75
1011.8 0.73 1042.0 0.74 1072.1 0.74
1012.2 0.73 1042.4 0.75 1072.5 0.75
1012.5 0.73 1042.7 0.74 1072.8 0.75
1012.8 0.73 1043.1 0.75 1073.1 0.74
1013.2 0.73 1043.4 0.74 1073.5 0.74
1013.5 0.73 1043.7 0.75 1073.8 0.75
1013.8 0.73 1044.1 0.75 1074.1 0.74
1014.2 0.73 1044.4 0.74 1074.5 0.75
1014.5 0.74 1044.7 0.75 1074.8 0.74
1014.9 0.74 1045.1 0.74 1075.2 0.74
1015.2 0.73 1045.4 0.74 1075.5 0.74
1015.5 0.74 1045.7 0.74 1075.8 0.74

1571a, PDZ3, 1269-1363°C, 10.0°C/min, 144.80 m		1296.9	0.81	1327.6	0.84	1358.5	0.86	1572a, PDZ3, 1361-1504°C, 10.0°C/min, 144.80 m		1388.7	0.93	1451.5	0.93	1482.6	0.93
PDZ3		1297.2	0.81	1328.0	0.83	1358.8	0.85	PDZ3		1389.0	0.93	1451.8	0.93	1482.9	0.93
1571a	1907/00	1297.6	0.82	1328.3	0.84	1359.2	0.86	1572a	1907/00	1389.4	0.93	1452.2	0.93	1483.3	0.93
144.800 mg		1297.9	0.82	1328.7	0.84	1359.5	0.86	144.800 mg		1389.7	0.92	1452.5	0.92	1483.6	0.94
	10.0 °C/min	1298.2	0.82	1329.0	0.84	1359.8	0.85		10.0 °C/min	1390.1	0.92	1452.9	0.92	1484.0	0.93
1268.73 - 1362.57 °C		1298.6	0.82	1329.3	0.85	1360.2	0.86	1360.82 - 1504.02 °C		1390.4	0.93	1453.2	0.93	1484.3	0.94
T(°C), Cp(J/gK)	1571a, P(°C)	1298.9	0.82	1329.7	0.84	1360.5	0.86	T(°C), Cp(J/gK)	1572a, PDZ3, P(°C)	1390.9	0.92	1453.5	0.92	1484.6	0.94
		1299.3	0.82	1330.0	0.85	1360.9	0.86			1391.3	0.92	1453.9	0.92	1485.0	0.94
		1299.6	0.82	1330.4	0.84	1361.2	0.86			1391.8	0.92	1454.2	0.93	1485.3	0.94
		1299.9	0.82	1330.7	0.84	1361.5	0.86			1392.2	0.92	1454.6	0.92	1485.7	0.95
		1300.3	0.82	1331.0	0.85	1361.9	0.86			1392.6	0.93	1454.9	0.93	1486.0	0.93
		1300.6	0.82	1331.4	0.85	1362.2	0.86			1393.0	0.93	1455.3	0.93	1486.4	0.94
		1301.0	0.82	1331.7	0.85	1362.6	0.86			1393.4	0.93	1455.6	0.93	1486.7	0.95
		1301.3	0.81	1332.1	0.84					1393.8	0.93	1456.0	0.92	1487.0	0.94
		1301.7	0.83	1332.4	0.85					1394.2	0.93	1456.3	0.93	1487.4	0.95
		1302.0	0.82	1332.8	0.84					1394.5	0.93	1456.7	0.94	1487.7	0.95
		1302.3	0.82	1333.1	0.85					1394.9	0.93	1457.0	0.93	1488.1	0.95
		1302.7	0.82	1333.4	0.84					1395.2	0.92	1457.3	0.92	1488.4	0.94
		1303.0	0.82	1333.8	0.84					1395.5	0.92	1457.7	0.93	1488.8	0.94
		1303.4	0.83	1334.1	0.85					1395.9	0.92	1458.0	0.92	1489.1	0.94
		1303.7	0.83	1334.5	0.84					1396.3	0.92	1458.4	0.93	1489.4	0.94
		1304.0	0.83	1334.8	0.85					1396.6	0.92	1458.7	0.93	1489.8	0.94
		1304.4	0.82	1335.2	0.85					1396.9	0.92	1459.1	0.93	1490.1	0.93
		1304.7	0.83	1335.5	0.84					1397.3	0.92	1459.4	0.93	1490.5	0.94
		1305.1	0.83	1335.8	0.85					1397.6	0.92	1459.8	0.93	1490.8	0.95
		1305.4	0.83	1336.2	0.85					1397.9	0.92	1460.1	0.93	1491.2	0.95
		1305.7	0.82	1336.5	0.84					1398.3	0.92	1460.4	0.93	1491.5	0.95
		1306.1	0.83	1336.9	0.85					1398.6	0.92	1460.8	0.94	1491.9	0.95
		1306.4	0.83	1337.2	0.84					1399.0	0.92	1461.1	0.93	1492.2	0.94
		1306.8	0.83	1337.5	0.85					1399.3	0.92	1461.5	0.93	1492.6	0.96
		1307.1	0.83	1337.9	0.84					1399.6	0.94	1461.8	0.94	1492.9	0.94
		1307.5	0.83	1338.2	0.84					1400.0	0.94	1462.2	0.93	1493.3	0.94
		1307.8	0.83	1338.6	0.84					1400.3	0.93	1462.5	0.94	1493.6	0.95
		1308.1	0.83	1338.9	0.84					1400.7	0.92	1462.9	0.94	1494.0	0.95
		1308.5	0.83	1339.3	0.85					1401.0	0.92	1463.2	0.93	1494.3	0.95
		1308.8	0.83	1339.6	0.84					1401.3	0.91	1463.6	0.93	1494.7	0.95
		1309.2	0.83	1339.9	0.84					1401.7	0.91	1463.9	0.94	1495.0	0.95
		1309.5	0.83	1340.3	0.84					1402.1	0.91	1464.3	0.93	1495.4	0.95
		1309.8	0.83	1340.6	0.84					1402.4	0.90	1464.6	0.94	1495.7	0.96
		1310.2	0.83	1341.0	0.85					1402.7	0.91	1464.9	0.93	1496.0	0.96
		1310.5	0.83	1341.3	0.85					1403.1	0.91	1465.3	0.93	1496.4	0.96
		1310.9	0.83	1341.6	0.84					1403.4	0.91	1465.6	0.93	1496.7	0.96
		1311.2	0.83	1342.0	0.85					1403.8	0.90	1466.0	0.93	1497.1	0.96
		1311.5	0.83	1342.3	0.84					1404.1	0.90	1466.3	0.92	1497.4	0.96
		1311.9	0.83	1342.7	0.84					1404.5	0.90	1466.7	0.92	1497.8	0.96
		1312.3	0.84	1343.0	0.84					1404.8	0.90	1467.0	0.93	1498.1	0.97
		1312.6	0.83	1343.3	0.84					1405.2	0.90	1467.4	0.93	1498.5	0.96
		1312.9	0.83	1343.7	0.84					1405.5	0.91	1467.7	0.92	1498.8	0.96
		1313.3	0.84	1344.0	0.84					1405.8	0.91	1468.1	0.91	1499.2	0.96
		1313.6	0.83	1344.4	0.84					1406.2	0.91	1468.4	0.91	1499.5	0.96
		1314.0	0.84	1344.7	0.84					1406.5	0.92	1468.7	0.91	1499.9	0.96
		1314.3	0.83	1345.1	0.84					1406.9	0.92	1469.1	0.92	1500.2	0.95
		1314.7	0.84	1345.4	0.84					1407.2	0.91	1469.4	0.92	1500.6	0.96
		1315.0	0.84	1345.8	0.84					1407.5	0.90	1469.8	0.92	1500.9	0.96
		1315.3	0.84	1346.1	0.85					1407.9	0.92	1470.1	0.92	1501.3	0.97
		1315.7	0.84	1346.4	0.84					1408.2	0.91	1470.5	0.93	1501.6	0.96
		1316.0	0.84	1346.8	0.84					1408.6	0.92	1470.8	0.93	1502.0	0.95
		1316.4	0.84	1347.1	0.84					1408.9	0.92	1471.2	0.93	1502.3	0.96
		1316.7	0.84	1347.5	0.84					1409.3	0.93	1471.5	0.93	1502.7	0.96
		1317.0	0.84	1347.8	0.85					1409.6	0.92	1471.9	0.93	1503.0	0.95
		1317.4	0.83	1348.1	0.84					1410.0	0.92	1472.2	0.92	1503.4	0.96
		1317.7	0.84	1348.5	0.84					1410.3	0.92	1472.6	0.92	1503.7	0.96
		1318.1	0.84	1348.8	0.84					1410.7	0.92	1472.9	0.93	1504.0	0.96
		1318.4	0.84	1349.2	0.84					1411.0	0.93	1473.3	0.94		
		1318.8	0.83	1349.5	0.85					1411.4	0.92	1473.6	0.93		
		1319.1	0.84	1349.9	0.85					1411.7	0.92	1473.9	0.93		
		1319.4	0.83	1350.2	0.85					1412.0	0.92	1474.3	0.93		
		1319.7	0.84	1350.6	0.85					1412.4	0.91	1474.6	0.93		
		1320.1	0.84	1350.9	0.84					1412.8	0.92	1475.0	0.94		
		1320.4	0.84	1351.3	0.85					1413.1	0.92	1475.3	0.93		
		1320.8	0.83	1351.6	0.85					1413.4	0.92	1475.7	0.93		
		1321.1	0.84	1352.0	0.85					1413.8	0.92	1476.0	0.94		
		1321.4	0.84	1352.3	0.86					1414.1	0.92	1476.4	0.94		
		1321.8	0.83	1352.7	0.85					1414.5	0.93	1476.7	0.93		
		1322.1	0.84	1353.0	0.85					1414.8	0.92	1477.1	0.93		
		1322.5	0.84	1353.4	0.86					1415.2	0.93	1477.4	0.94		
		1322.8	0.84	1353.7	0.85					1415.5	0.92	1477.8	0.93		
		1323.2	0.84	1354.0	0.86					1415.9	0.92	1478.1	0.95		
		1323.5	0.83	1354.4	0.85					1416.2	0.92	1478.5	0.94		
		1323.9	0.83	1354.7	0.86					1416.6	0.93	1478.8	0.94		
		1324.2	0.84	1355.1	0.85					1416.9	0.92	1479.2	0.94		
		1324.5	0.84	1355.4	0.85					1417.2	0.93	1479.5	0.93		
		1324.9	0.84	1355.7	0.85					1417.6	0.93	1479.8	0.93		
		1325.2	0.84	1356.1	0.85					1417.9	0.92	1480.2	0.94		
		1325.6	0.84	1356.4	0.86					1418.3	0.92	1480.5	0.93		
		1325.9	0.84	1356.8	0.85					1418.6	0.94	1480.9	0.93		
		1326.2	0.84	1357.1	0.85					1419.0	0.93	1481.2	0.92		
		1326.6	0.83	1357.4	0.85					1419.3	0.93	1481.5	0.93		
		1326.9	0.84	1357.8	0.85					1419.7	0.93	1481.9	0.94		
		1327.3	0.85	1358.1	0.85					1420.0	0.92	1482.2	0.93		

Appendix C

High temperature specific heat data

316 stainless steel

1572a, PDZ4 RPT, 1351-1504°C, 10.0°C/min, 145.60 mg,
 PDZ4 RPT
 1572a 25/07/00
 145.600 mg
 10 °C/min
 1350.86 - 1504.18 °C
 T(°C), Cp(1572a, PDZ4 RPT, 1351-1504°C,

1350.9	0.88	1407.0	0.96	1434.4	4.43	1463.5	1.20	1492.0	1.03
1356.3	0.88	1407.3	0.96	1434.7	4.60	1463.9	1.16	1492.4	1.01
1361.8	0.88	1407.7	0.95	1435.0	4.74	1464.2	1.12	1492.7	1.03
1367.0	0.89	1408.0	0.96	1435.3	4.99	1464.5	1.10	1493.1	1.02
1372.5	0.90	1408.3	0.95	1435.6	5.18	1464.9	1.08	1493.4	1.02
1377.6	0.90	1408.7	0.96	1435.9	5.37	1465.2	1.05	1493.8	1.02
1383.1	0.89	1409.0	0.95	1436.2	5.54	1465.6	1.04	1494.1	1.02
1383.5	0.89	1409.4	0.97	1436.5	5.78	1465.9	1.04	1494.5	1.03
1383.8	0.88	1409.7	0.96	1436.8	5.94	1466.2	1.03	1494.8	1.02
1384.2	0.89	1410.1	0.97	1437.1	6.15	1466.6	1.01	1495.2	1.02
1384.5	0.88	1410.4	0.97	1437.4	6.34	1467.0	1.01	1495.5	1.02
1384.9	0.89	1410.8	0.97	1437.7	6.52	1467.3	1.02	1495.9	1.03
1385.2	0.88	1411.1	0.99	1438.1	6.68	1467.7	1.01	1496.2	1.03
1385.6	0.89	1411.5	0.99	1438.4	6.84	1468.0	1.00	1496.6	1.03
1385.9	0.89	1411.8	0.98	1438.7	7.13	1468.4	1.00	1496.9	1.03
1386.2	0.89	1412.2	0.99	1439.0	7.29	1468.7	0.99	1497.3	1.04
1386.6	0.89	1412.5	0.98	1439.3	7.40	1469.1	1.00	1497.6	1.03
1386.9	0.90	1412.8	1.00	1439.6	7.59	1469.4	1.00	1498.0	1.03
1387.3	0.90	1413.2	0.99	1439.9	7.83	1469.8	1.00	1498.3	1.04
1387.6	0.89	1413.6	1.00	1440.2	8.07	1470.1	1.00	1498.7	1.04
1388.0	0.89	1413.9	1.01	1440.5	8.20	1470.5	1.00	1499.0	1.03
1388.3	0.88	1414.2	1.01	1440.8	8.44	1470.8	1.00	1499.3	1.03
1388.7	0.89	1414.6	1.01	1441.1	8.65	1471.2	1.01	1499.7	1.03
1389.0	0.90	1414.9	1.01	1441.4	8.86	1471.5	1.01	1500.0	1.03
1389.4	0.90	1415.2	1.01	1441.7	8.97	1471.9	1.02	1500.4	1.03
1389.7	0.90	1415.6	1.02	1442.0	9.24	1472.2	1.00	1500.7	1.03
1390.1	0.90	1415.9	1.02	1442.3	9.30	1472.6	1.00	1501.1	1.03
1390.4	0.90	1416.3	1.02	1442.6	9.61	1472.9	1.00	1501.4	1.04
1390.8	0.90	1416.6	1.04	1442.9	9.82	1473.3	1.02	1501.8	1.04
1391.1	0.90	1417.0	1.05	1443.2	10.05	1473.6	1.00	1502.1	1.03
1391.5	0.90	1417.3	1.04	1443.5	10.33	1474.0	1.00	1502.5	1.04
1391.8	0.90	1417.7	1.05	1443.8	10.46	1474.3	1.01	1502.8	1.04
1392.2	0.90	1418.0	1.06	1444.1	10.68	1474.7	1.01	1503.1	1.02
1392.5	0.90	1418.3	1.07	1444.4	10.84	1475.0	1.01	1503.5	1.03
1392.8	0.90	1418.7	1.08	1444.7	11.00	1475.4	1.00	1503.8	1.03
1393.2	0.91	1419.0	1.09	1445.0	11.31	1475.7	1.00	1504.2	1.03
1393.5	0.90	1419.3	1.09	1445.3	11.39	1476.1	1.01		
1393.9	0.90	1419.7	1.11	1445.6	11.62	1476.4	1.00		
1394.2	0.90	1420.0	1.12	1445.9	11.78	1476.7	1.00		
1394.6	0.91	1420.4	1.14	1446.3	11.95	1477.1	1.00		
1394.9	0.90	1420.7	1.16	1446.6	11.98	1477.5	1.00		
1395.3	0.90	1421.0	1.18	1447.0	11.98	1477.8	1.00		
1395.6	0.89	1421.4	1.21	1447.3	12.04	1478.2	1.01		
1395.9	0.90	1421.7	1.22	1447.7	12.10	1478.5	1.01		
1396.3	0.90	1422.1	1.25	1448.0	12.15	1478.8	1.01		
1396.6	0.90	1422.4	1.29	1448.4	12.19	1479.2	1.01		
1397.0	0.91	1422.7	1.33	1448.7	12.30	1479.6	1.00		
1397.3	0.90	1423.1	1.36	1449.0	12.22	1479.9	1.00		
1397.7	0.91	1423.4	1.40	1449.4	12.34	1480.2	1.01		
1398.0	0.91	1423.7	1.43	1449.7	12.38	1480.6	1.00		
1398.4	0.92	1424.0	1.49	1450.1	12.24	1480.9	1.01		
1398.7	0.91	1424.4	1.54	1450.4	12.34	1481.3	1.00		
1399.0	0.92	1424.7	1.59	1450.7	12.43	1481.6	1.01		
1399.4	0.92	1425.0	1.65	1451.1	12.42	1482.0	1.02		
1399.7	0.92	1425.4	1.70	1451.4	12.45	1482.3	1.01		
1400.1	0.93	1425.7	1.76	1451.8	12.60	1482.7	1.01		
1400.4	0.93	1426.0	1.82	1452.1	12.56	1483.0	1.01		
1400.8	0.93	1426.3	1.88	1452.4	12.58	1483.4	1.01		
1401.1	0.93	1426.7	1.95	1452.8	12.52	1483.7	1.01		
1401.4	0.92	1427.0	2.03	1453.1	12.56	1484.1	1.01		
1401.8	0.93	1427.3	2.10	1453.5	12.49	1484.4	1.01		
1402.1	0.92	1427.7	2.18	1454.0	12.29	1484.8	1.01		
1402.5	0.93	1428.0	2.25	1454.7	11.38	1485.1	1.02		
1402.8	0.93	1428.3	2.33	1455.6	9.81	1485.4	1.02		
1403.2	0.93	1428.6	2.41	1456.3	8.49	1485.8	1.02		
1403.5	0.93	1429.0	2.50	1457.0	7.34	1486.1	1.01		
1403.9	0.93	1429.3	2.60	1457.6	6.28	1486.5	1.02		
1404.2	0.93	1429.6	2.68	1458.1	5.46	1486.8	1.02		
1404.6	0.94	1429.9	2.81	1458.6	4.70	1487.2	1.01		
1404.9	0.93	1430.3	2.88	1459.0	4.08	1487.5	1.02		
1405.3	0.94	1430.6	2.99	1459.4	3.57	1487.9	1.01		
1405.6	0.95	1430.9	3.10	1459.8	3.09	1488.2	1.03		
1405.9	0.95	1431.2	3.20	1460.2	2.76	1488.6	1.01		
1406.3	0.94	1431.5	3.29	1460.5	2.43	1488.9	1.01		
1406.6	0.95	1431.8	3.42	1460.9	2.17	1489.3	1.02		
1407.0	0.96	1432.2	3.50	1461.2	1.96	1489.6	1.01		
1407.3	0.96	1432.5	3.65	1461.5	1.77	1490.0	1.01		
1407.7	0.95	1432.8	3.78	1461.9	1.63	1490.3	1.02		
		1433.1	3.88	1462.2	1.50	1490.6	1.02		
		1433.5	4.01	1462.5	1.41	1491.0	1.02		
		1433.8	4.17	1462.8	1.32	1491.3	1.02		
		1434.1	4.28	1463.2	1.26	1491.7	1.03		

1567a, PDZ1, 865-944°C, 10.0°C/min, 154.1 PDZ1 1567a 154.000 mg 864.59 - 944.18 °C T(°C), Cp(J/gK)	12/07/00 10.0 °C/min 1567a, PC	892.3 0.90 892.7 0.91 893.0 0.91 893.4 0.91 893.7 0.91 894.0 0.92 894.4 0.92 894.7 0.92 895.1 0.92 895.4 0.92 895.7 0.92 896.1 0.92 896.4 0.92 896.7 0.92 897.1 0.92 897.4 0.92 897.7 0.92 898.1 0.92 898.4 0.92 898.8 0.92 899.1 0.93 899.4 0.93 899.7 0.92 900.1 0.93 900.4 0.93 900.7 0.93 901.1 0.93 901.4 0.93 901.7 0.93 902.1 0.93 902.4 0.94 902.8 0.93 903.1 0.94 903.4 0.94 903.8 0.93 904.1 0.94 904.5 0.94 904.8 0.94 905.1 0.94 905.5 0.94 905.8 0.95 906.1 0.94 906.5 0.95 906.8 0.95 907.1 0.94 907.5 0.95 907.8 0.95 908.2 0.94 908.5 0.95 908.8 0.95 909.2 0.95 909.5 0.95 909.8 0.95 910.2 0.95 910.5 0.95 910.8 0.95 911.2 0.95 911.5 0.95 911.8 0.95 912.2 0.95 912.5 0.96 912.8 0.96 913.2 0.96 913.5 0.95 913.8 0.96 914.2 0.96 914.5 0.96 914.8 0.95 915.2 0.96 915.5 0.96 915.8 0.96 916.2 0.96 916.5 0.96 916.8 0.96 917.2 0.96 917.5 0.96 917.8 0.96 918.1 0.96 918.5 0.96 918.8 0.96 919.1 0.96 919.5 0.96 919.8 0.96 920.1 0.96 920.5 0.96 920.8 0.96 921.1 0.96 921.5 0.96 921.8 0.96 922.1 0.96	922.4 0.96 922.8 0.97 923.1 0.96 923.4 0.96 923.8 0.96 924.1 0.96 924.4 0.96 924.8 0.97 925.1 0.96 925.4 0.96 925.8 0.96 926.1 0.96 926.4 0.96 926.8 0.95 927.1 0.96 927.4 0.96 927.8 0.96 928.1 0.96 928.4 0.95 928.8 0.95 929.1 0.96 929.4 0.96 929.8 0.95 930.1 0.95 930.4 0.95 930.8 0.95 931.1 0.95 931.4 0.95 931.8 0.95 932.1 0.95 932.4 0.95 932.8 0.94 933.1 0.94 933.4 0.94 933.8 0.94 934.1 0.94 934.4 0.94 934.8 0.94 935.1 0.93 935.4 0.94 935.8 0.93 936.1 0.93 936.4 0.93 936.8 0.93 937.1 0.92 937.4 0.92 937.8 0.92 938.1 0.92 938.5 0.92 938.8 0.91 939.1 0.91 939.4 0.91 939.8 0.90 940.1 0.90 940.5 0.90 940.8 0.90 941.1 0.89 941.5 0.89 941.8 0.89 942.2 0.88 942.5 0.88 942.8 0.87 943.2 0.87 943.5 0.87 943.8 0.87 944.2 0.86	1568a, PDZ1 RPT, 945-1045°C, 10.0°C/min PDZ1 RPT 1568a 154.000 mg 844.72 - 1044.74 °C T(°C), Cp(J/gK)	12/07/00 10.0 °C/min 1568a, PC	944.7 0.82 945.1 0.82 945.4 0.82 945.8 0.81 946.1 0.81 946.4 0.81 946.8 0.81 947.1 0.80 947.4 0.79 947.8 0.79 948.1 0.78 948.5 0.77 948.8 0.77 949.1 0.77 949.5 0.76 949.8 0.76 950.2 0.76 950.5 0.75 950.8 0.74 951.2 0.74 951.5 0.73 951.8 0.73 952.2 0.73 952.5 0.72 952.9 0.72 953.2 0.72 953.6 0.71 953.9 0.71 954.2 0.70 954.6 0.70 954.9 0.70 955.2 0.70 955.6 0.69 955.9 0.69 956.3 0.69 956.6 0.69 956.9 0.69 957.3 0.69 957.6 0.69 957.9 0.68 958.3 0.68 958.6 0.68 959.0 0.68 959.3 0.69 959.6 0.68 960.0 0.68 960.3 0.68 960.6 0.68 961.0 0.68 961.3 0.68 961.7 0.68 962.0 0.68 962.3 0.68 962.7 0.68 963.0 0.68 963.3 0.68 963.7 0.68 964.0 0.68 964.3 0.68 964.7 0.68 965.0 0.68 965.3 0.68 965.7 0.68 966.0 0.68 966.4 0.68 966.7 0.68 967.0 0.68 967.4 0.68 967.7 0.68 968.1 0.68 968.4 0.68 968.7 0.68 969.1 0.68 969.4 0.68 969.7 0.68 970.0 0.68 970.4 0.68 970.7 0.68 971.1 0.69 971.4 0.68 971.7 0.68 972.0 0.68 972.4 0.69	972.7 0.89 973.0 0.89 973.4 0.68 973.7 0.68 974.0 0.69 974.4 0.69 974.7 0.69 975.0 0.89 975.4 0.69 975.7 0.69 976.0 0.69 976.4 0.69 976.7 0.69 977.0 0.69 977.4 0.69 977.7 0.69 978.0 0.69 978.4 0.70 978.7 0.70 979.0 0.69 979.4 0.69 979.7 0.69 980.0 0.70 980.4 0.69 980.7 0.70 981.0 0.70 981.4 0.70 981.7 0.70 982.0 0.70 982.4 0.70 982.7 0.70 983.0 0.69 983.3 0.69 983.7 0.69 984.0 0.69 984.3 0.70 984.7 0.69 985.0 0.70 985.4 0.69 985.7 0.70 986.0 0.70 986.4 0.70 986.7 0.69 987.0 0.70 987.4 0.69 987.7 0.70 988.0 0.70 988.4 0.70 988.7 0.70 989.0 0.70 989.4 0.70 989.7 0.70 990.0 0.70 990.4 0.71 990.7 0.71 991.0 0.71 991.3 0.71 991.7 0.71 992.0 0.71 992.3 0.71 992.7 0.71 993.0 0.70 993.3 0.71 993.7 0.71 994.0 0.71 994.3 0.71 994.7 0.71 995.0 0.71 995.4 0.71 995.7 0.71 996.0 0.71 996.4 0.71 996.7 0.71 997.0 0.71 997.3 0.71 997.7 0.71 998.0 0.71 998.4 0.71 998.7 0.71 999.0 0.71 999.4 0.71 999.7 0.71 1000.0 0.71 1000.4 0.71 1000.7 0.70 1001.0 0.70 1001.4 0.71 1001.7 0.70 1002.0 0.71 1002.4 0.71	1002.7 0.71 1003.0 0.71 1003.4 0.71 1003.7 0.71 1004.0 0.70 1004.4 0.71 1004.7 0.71 1005.0 0.70 1005.4 0.70 1005.7 0.70 1006.1 0.70 1006.4 0.70 1006.7 0.70 1007.1 0.70 1007.4 0.70 1007.8 0.70 1008.1 0.70 1008.4 0.70 1008.8 0.70 1009.1 0.69 1009.4 0.70 1009.8 0.69 1010.1 0.69 1010.5 0.70 1010.8 0.70 1011.1 0.70 1011.5 0.69 1011.8 0.69 1012.1 0.69 1012.5 0.69 1012.8 0.69 1013.1 0.69 1013.5 0.69 1013.8 0.69 1014.1 0.69 1014.5 0.69 1014.8 0.69 1015.2 0.68 1015.5 0.69 1015.8 0.69 1016.2 0.69 1016.5 0.69 1016.9 0.69 1017.2 0.69 1017.5 0.69 1017.9 0.69 1018.2 0.69 1018.6 0.69 1018.9 0.69 1019.2 0.69 1019.5 0.69 1019.9 0.69 1020.2 0.69 1020.6 0.69 1020.9 0.69 1021.2 0.69 1021.6 0.69 1021.9 0.69 1022.2 0.69 1022.6 0.69 1022.9 0.68 1023.2 0.69 1023.6 0.68 1023.9 0.68 1024.3 0.69 1024.6 0.69 1025.0 0.69 1025.3 0.69 1025.6 0.69 1026.0 0.68 1026.3 0.69 1026.7 0.69 1027.0 0.68 1027.3 0.69 1027.7 0.69 1028.0 0.69 1028.3 0.69 1028.7 0.69 1029.0 0.69 1029.3 0.69 1029.7 0.69 1030.0 0.69 1030.4 0.69 1030.7 0.68 1031.0 0.69 1031.4 0.69 1031.7 0.69 1032.1 0.69 1032.4 0.69 1032.7 0.69	1033.0 0.69 1033.4 0.70 1033.7 0.69 1034.0 0.69 1034.4 0.69 1034.7 0.69 1035.0 0.69 1035.4 0.69 1035.7 0.69 1036.1 0.69 1036.4 0.69 1037.0 0.69 1037.4 0.69 1037.7 0.69 1038.0 0.69 1038.4 0.69 1038.7 0.69 1039.0 0.70 1039.4 0.69 1039.7 0.69 1040.1 0.69 1040.4 0.69 1040.7 0.69 1041.0 0.69 1041.4 0.70 1041.7 0.69 1042.1 0.69 1042.4 0.69 1042.7 0.69 1043.1 0.69 1043.4 0.69 1043.7 0.69 1044.1 0.69 1044.4 0.69 1044.7 0.69
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Appendix D

High temperature specific heat data

Nimonic 901

1569a, PDZ3 RPT, 1076-1124°C, 10.0°C/	1103.6	0.75	1570a, PDZ3 RPT, 1121-1278°C, 10.0°C	1149.1	0.74	1178.4	0.72	1209.7	0.73	1240.2	0.77	1270.7	0.82
PDZ3 RPT	1104.0	0.75	PDZ3 RPT	1149.4	0.74	1178.7	0.73	1210.1	0.73	1240.5	0.77	1271.0	0.81
1569a	1104.3	0.75	1570a	1149.8	0.74	1180.1	0.72	1210.4	0.73	1240.9	0.77	1271.3	0.82
144.800 mg	1104.6	0.75	144.800 mg	1150.1	0.74	1180.4	0.72	1210.7	0.73	1241.2	0.77	1271.7	0.82
10.0 °C/min	1105.0	0.75	10.0 °C/min	1150.4	0.73	1180.7	0.72	1211.1	0.73	1241.6	0.77	1272.0	0.82
1075.80 - 1124.40 °C	1105.3	0.75	1121.23 - 1278.47 °C	1150.8	0.74	1181.1	0.72	1211.4	0.74	1241.9	0.77	1272.3	0.82
T(°C), Cp(J/gK)	1105.6	0.75	T(°C), Cp(J/gK)	1151.1	0.73	1181.4	0.72	1211.8	0.74	1242.2	0.77	1272.6	0.82
	1105.9	0.75		1151.4	0.74	1181.8	0.72	1212.1	0.74	1242.8	0.78	1273.0	0.82
	1106.3	0.75		1151.8	0.73	1182.1	0.72	1212.4	0.74	1242.9	0.77	1273.4	0.82
	1106.6	0.75		1152.1	0.74	1182.4	0.72	1212.8	0.74	1243.3	0.78	1273.7	0.82
	1107.0	0.75		1152.5	0.73	1182.7	0.72	1213.1	0.74	1243.6	0.77	1274.1	0.83
	1107.3	0.75		1152.8	0.74	1183.1	0.72	1213.4	0.74	1243.9	0.78	1274.4	0.82
	1107.6	0.75		1153.1	0.73	1183.4	0.72	1213.8	0.74	1244.3	0.77	1274.7	0.82
	1107.9	0.75		1153.5	0.74	1183.7	0.72	1214.1	0.74	1244.6	0.77	1275.1	0.83
	1108.3	0.74		1153.8	0.73	1184.1	0.72	1214.5	0.74	1244.9	0.77	1275.4	0.83
	1108.6	0.75		1154.1	0.73	1184.4	0.73	1214.8	0.73	1245.3	0.77	1275.8	0.82
	1108.9	0.75		1154.5	0.74	1184.8	0.72	1215.1	0.74	1245.6	0.78	1276.1	0.82
	1109.3	0.75		1154.8	0.73	1185.1	0.73	1215.5	0.74	1246.0	0.78	1276.4	0.82
	1109.7	0.75		1155.2	0.73	1185.4	0.72	1215.8	0.74	1246.3	0.78	1276.8	0.82
	1110.0	0.75		1155.5	0.73	1185.8	0.72	1216.2	0.74	1246.6	0.78	1277.1	0.83
	1110.3	0.75		1155.8	0.73	1186.1	0.72	1216.5	0.74	1247.0	0.78	1277.5	0.82
	1110.7	0.75		1156.2	0.73	1186.4	0.72	1216.8	0.74	1247.3	0.78	1277.8	0.82
	1111.0	0.75		1156.5	0.73	1186.8	0.72	1217.2	0.74	1247.7	0.78	1278.2	0.82
	1111.3	0.75		1156.9	0.73	1187.1	0.72	1217.5	0.74	1248.0	0.78	1278.5	0.82
	1111.7	0.75		1157.2	0.73	1187.5	0.72	1217.8	0.74	1248.3	0.78		
	1112.0	0.75		1157.5	0.74	1187.8	0.73	1218.2	0.73	1248.7	0.79		
	1112.3	0.75		1157.9	0.73	1188.1	0.72	1218.5	0.74	1249.0	0.78		
	1112.7	0.75		1158.2	0.74	1188.5	0.73	1218.8	0.74	1249.3	0.78		
	1113.0	0.74		1158.5	0.73	1188.8	0.72	1219.2	0.74	1249.7	0.78		
	1113.3	0.75		1158.9	0.74	1189.1	0.73	1219.5	0.75	1250.0	0.79		
	1113.7	0.74		1159.2	0.73	1189.5	0.72	1219.8	0.74	1250.4	0.78		
	1114.0	0.75		1159.6	0.73	1189.8	0.72	1220.2	0.74	1250.7	0.79		
	1114.3	0.74		1159.9	0.73	1190.2	0.72	1220.5	0.74	1251.1	0.79		
	1114.7	0.74		1160.2	0.73	1190.5	0.72	1220.9	0.75	1251.4	0.79		
	1115.0	0.75		1160.6	0.73	1190.8	0.72	1221.2	0.74	1251.7	0.79		
	1115.4	0.74		1160.9	0.73	1191.2	0.72	1221.5	0.75	1252.1	0.79		
	1115.7	0.75		1161.2	0.73	1191.5	0.72	1221.9	0.75	1252.4	0.79		
	1116.0	0.74		1161.6	0.72	1191.8	0.72	1222.2	0.74	1252.7	0.79		
	1116.4	0.75		1161.9	0.73	1192.2	0.72	1222.5	0.74	1253.1	0.79		
	1116.7	0.74		1162.2	0.73	1192.5	0.72	1222.9	0.74	1253.4	0.79		
	1117.0	0.75		1162.6	0.73	1192.9	0.72	1223.2	0.75	1253.8	0.79		
	1117.4	0.74		1162.9	0.73	1193.2	0.72	1223.6	0.75	1254.1	0.79		
	1117.7	0.75		1163.3	0.73	1193.5	0.72	1223.9	0.74	1254.4	0.80		
	1118.0	0.75		1163.6	0.73	1193.9	0.72	1224.2	0.74	1254.8	0.79		
	1118.4	0.75		1163.9	0.73	1194.2	0.73	1224.6	0.74	1255.1	0.79		
	1118.7	0.75		1164.3	0.73	1194.5	0.73	1224.9	0.74	1255.4	0.79		
	1119.0	0.75		1164.6	0.73	1194.9	0.72	1225.3	0.75	1255.8	0.80		
	1119.3	0.76		1164.9	0.73	1195.2	0.73	1225.6	0.74	1256.1	0.79		
	1119.7	0.75		1165.3	0.74	1195.6	0.72	1225.9	0.74	1256.4	0.80		
	1120.0	0.75		1165.6	0.73	1195.9	0.73	1226.3	0.75	1256.8	0.80		
	1120.4	0.75		1165.9	0.73	1196.2	0.72	1226.6	0.75	1257.1	0.79		
	1120.7	0.75		1166.3	0.73	1196.6	0.72	1226.9	0.75	1257.5	0.80		
	1121.0	0.75		1166.6	0.73	1196.9	0.72	1227.3	0.76	1257.8	0.80		
	1121.4	0.75		1167.0	0.73	1197.2	0.73	1227.6	0.75	1258.1	0.79		
	1121.7	0.75		1167.3	0.73	1197.6	0.73	1228.0	0.75	1258.5	0.80		
	1122.0	0.75		1167.7	0.73	1197.9	0.73	1228.3	0.75	1258.8	0.79		
	1122.4	0.75		1168.0	0.73	1198.3	0.73	1228.7	0.75	1259.2	0.80		
	1122.7	0.75		1168.3	0.73	1198.6	0.72	1229.0	0.75	1259.5	0.81		
	1123.1	0.75		1168.7	0.73	1198.9	0.73	1229.3	0.76	1259.8	0.80		
	1123.4	0.76		1169.0	0.73	1199.3	0.73	1229.7	0.75	1260.2	0.80		
	1123.7	0.75		1169.3	0.73	1199.6	0.73	1230.0	0.75	1260.5	0.80		
	1124.1	0.75		1169.7	0.73	1199.9	0.73	1230.3	0.75	1260.8	0.80		
	1124.4	0.75		1170.0	0.73	1200.3	0.73	1230.7	0.75	1261.2	0.80		
				1170.3	0.72	1200.6	0.73	1231.0	0.75	1261.5	0.80		
				1170.7	0.73	1200.9	0.72	1231.4	0.76	1261.9	0.80		
				1171.0	0.72	1201.3	0.72	1231.7	0.76	1262.2	0.80		
				1171.3	0.72	1201.6	0.73	1232.1	0.75	1262.5	0.80		
				1171.7	0.72	1202.0	0.73	1232.4	0.76	1262.9	0.80		
				1172.0	0.73	1202.3	0.73	1232.7	0.76	1263.2	0.80		
				1172.3	0.73	1202.6	0.73	1233.1	0.76	1263.5	0.81		
				1172.7	0.73	1203.0	0.73	1233.4	0.75	1263.9	0.81		
				1173.0	0.73	1203.3	0.73	1233.8	0.76	1264.2	0.81		
				1173.3	0.73	1203.6	0.73	1234.1	0.76	1264.6	0.81		
				1173.7	0.73	1204.0	0.72	1234.4	0.76	1264.9	0.81		
				1174.0	0.73	1204.3	0.73	1234.8	0.76	1265.3	0.81		
				1174.4	0.72	1204.7	0.73	1235.1	0.76	1265.6	0.81		
				1174.7	0.72	1205.0	0.73	1235.4	0.76	1265.9	0.81		
				1175.0	0.73	1205.3	0.73	1235.8	0.76	1266.3	0.81		
				1175.4	0.73	1205.7	0.73	1236.1	0.76	1266.6	0.81		
				1175.7	0.73	1206.0	0.73	1236.5	0.76	1266.9	0.81		
				1176.0	0.72	1206.3	0.73	1236.8	0.76	1267.3	0.81		
				1176.4	0.73	1206.7	0.73	1237.2	0.76	1267.6	0.81		
				1176.7	0.73	1207.0	0.74	1237.5	0.76	1268.0	0.81		
				1177.0	0.72	1207.4	0.73	1237.8	0.77	1268.3	0.81		
				1177.4	0.73	1207.7	0.74	1238.2	0.76	1268.6	0.81		
				1177.7	0.73	1208.0	0.73	1238.5	0.76	1269.0	0.82		
				1178.0	0.72	1208.4	0.73	1238.9	0.77	1269.3	0.81		
				1178.4	0.73	1208.7	0.73	1239.2	0.77	1269.6	0.81		
				1178.7	0.73	1209.0	0.73	1239.5	0.76	1270.0	0.82		
				1179.1	0.73	1209.4	0.73	1239.9	0.77	1270.3	0.81		

1567a, PDZ4 RPT, 8
PDZ4 RPT
1567a 21/07/00
145.600 mg
10 °C/min

867.50 - 952.70 °C
T(°C), Cp(1567a, PC
867.5 0.78
872.8 0.78
878.2 0.78
883.5 0.78
888.9 0.78
894.2 0.79
899.6 0.79
905.0 0.79
910.0 0.79
915.3 0.79
920.6 0.79
926.0 0.79
931.3 0.79
936.6 0.80
942.0 0.79
947.4 0.80
952.7 0.79

1568a, PDZ4 RPT, 9
PDZ4 RPT
1568a 21/07/00
145.600 mg
10 °C/min

942.22 - 1038.16 °C
T(°C), Cp(1568a, PC
942.2 0.80
947.6 0.79
952.7 0.80
958.0 0.80
963.4 0.80
968.8 0.81
974.1 0.81
979.5 0.81
984.8 0.81
990.1 0.81
995.4 0.81
1000.8 0.81
1006.2 0.81
1011.5 0.81
1016.6 0.81
1022.0 0.82
1027.4 0.81
1032.8 0.80
1038.2 0.80

1571a, PDZ4 RPT, 1
PDZ4 RPT
1571a 25/07/00
145.600 mg
10 °C/min

1217.96 - 1362.20 °C
T(°C), Cp(1571a, PC
1218.0 0.86
1223.3 0.86
1228.7 0.85
1234.1 0.86
1239.5 0.85
1244.7 0.86
1250.1 0.85
1255.5 0.85
1261.0 0.84
1266.1 0.85
1271.5 0.85
1276.9 0.84
1282.3 0.85
1287.4 0.85
1292.8 0.85
1298.3 0.85
1303.7 0.85
1308.8 0.85
1314.2 0.85
1319.7 0.86
1324.8 0.86
1330.3 0.87
1335.5 0.87
1340.9 0.87
1346.4 0.87
1351.6 0.87
1357.1 0.89
1362.2 0.91

1566a, PDZ1 RPT, 704-865°C, 10.0°C/min, 154.00 mg,		729.8	0.59	759.8	0.61	790.2	0.65	820.2	0.74	850.5	0.82	
PDZ1 RPT		730.1	0.59	760.2	0.61	790.5	0.65	820.6	0.74	850.9	0.82	
1566a	11/07/00	730.5	0.59	760.5	0.61	790.8	0.65	820.9	0.74	851.2	0.82	
154.000 mg		730.8	0.59	760.8	0.61	791.2	0.65	821.3	0.74	851.5	0.82	
	10.0 °C/min	731.1	0.59	761.2	0.61	791.5	0.65	821.6	0.74	851.9	0.82	
704.34 - 864.52 °C		731.5	0.59	761.5	0.61	791.9	0.65	821.9	0.74	852.2	0.82	
T(°C), Cp(J/g/K)	1566a, PDZ1 RPT, 7(	731.8	0.59	761.8	0.61	792.2	0.65	822.3	0.74	852.5	0.83	
	704.3	0.64	732.1	0.59	762.2	0.61	792.5	0.65	822.6	0.74	852.9	0.82
	704.6	0.63	732.5	0.59	762.5	0.61	792.9	0.65	822.9	0.74	853.2	0.83
	704.8	0.64	732.8	0.59	762.8	0.61	793.2	0.66	823.3	0.75	853.6	0.83
	705.1	0.63	733.1	0.59	763.2	0.61	793.6	0.66	823.6	0.75	853.9	0.83
	705.3	0.63	733.5	0.59	763.5	0.61	793.9	0.66	823.9	0.75	854.2	0.83
	705.6	0.63	733.8	0.59	763.9	0.61	794.2	0.66	824.3	0.75	854.6	0.83
	705.8	0.62	734.1	0.59	764.2	0.61	794.6	0.66	824.6	0.75	854.9	0.83
	706.1	0.63	734.5	0.59	764.5	0.61	794.9	0.66	825.0	0.75	855.2	0.83
	706.3	0.62	734.8	0.59	764.8	0.61	795.2	0.66	825.3	0.75	855.5	0.83
	706.6	0.62	735.1	0.59	765.2	0.61	795.6	0.66	825.6	0.75	855.9	0.84
	706.9	0.62	735.5	0.59	765.5	0.61	795.9	0.66	825.9	0.75	856.2	0.83
	707.1	0.62	735.8	0.59	765.9	0.61	796.2	0.66	826.3	0.75	856.6	0.83
	707.4	0.62	736.2	0.59	766.2	0.61	796.6	0.66	826.6	0.76	856.9	0.83
	707.6	0.62	736.5	0.59	766.5	0.61	796.9	0.67	826.9	0.76	857.2	0.84
	708.0	0.62	736.8	0.59	766.9	0.61	797.3	0.66	827.3	0.76	857.6	0.84
	708.2	0.62	737.1	0.60	767.2	0.62	797.6	0.66	827.6	0.76	857.9	0.84
	708.5	0.61	737.5	0.59	767.6	0.62	798.0	0.67	828.0	0.76	858.2	0.84
	708.8	0.61	737.8	0.60	767.9	0.61	798.3	0.67	828.3	0.76	858.6	0.84
	709.1	0.61	738.2	0.59	768.2	0.61	798.6	0.67	828.6	0.76	858.9	0.84
	709.3	0.61	738.5	0.60	768.5	0.62	798.9	0.67	829.0	0.76	859.2	0.84
	709.6	0.61	738.9	0.60	768.9	0.62	799.3	0.67	829.3	0.76	859.6	0.84
	709.9	0.61	739.2	0.60	769.2	0.62	799.6	0.67	829.6	0.76	859.9	0.84
	710.2	0.61	739.5	0.60	769.6	0.62	799.9	0.67	830.0	0.76	860.2	0.84
	710.5	0.61	739.9	0.60	769.9	0.62	800.3	0.67	830.3	0.76	860.5	0.84
	710.8	0.61	740.2	0.60	770.2	0.62	800.6	0.68	830.7	0.76	860.9	0.84
	711.1	0.61	740.5	0.60	770.6	0.62	800.9	0.68	831.0	0.76	861.2	0.84
	711.4	0.60	740.8	0.60	770.9	0.62	801.3	0.67	831.3	0.77	861.5	0.85
	711.7	0.60	741.2	0.60	771.3	0.62	801.6	0.68	831.6	0.77	861.9	0.84
	712.0	0.60	741.5	0.60	771.6	0.62	801.9	0.68	832.0	0.77	862.2	0.85
	712.3	0.60	741.8	0.60	771.9	0.62	802.3	0.68	832.3	0.77	862.5	0.84
	712.6	0.60	742.2	0.60	772.3	0.62	802.6	0.68	832.7	0.77	862.8	0.85
	712.9	0.60	742.5	0.60	772.6	0.62	802.9	0.68	833.0	0.77	863.2	0.85
	713.2	0.60	742.8	0.60	772.9	0.62	803.3	0.69	833.3	0.77	863.5	0.85
	713.5	0.60	743.2	0.60	773.3	0.62	803.6	0.68	833.7	0.77	863.8	0.85
	713.8	0.60	743.5	0.60	773.6	0.62	803.9	0.68	834.0	0.77	864.2	0.86
	714.1	0.60	743.8	0.60	773.9	0.62	804.3	0.69	834.3	0.77	864.5	0.85
	714.4	0.60	744.2	0.60	774.3	0.62	804.6	0.69	834.7	0.78		
	714.7	0.60	744.5	0.60	774.6	0.62	805.0	0.69	835.0	0.77		
	715.0	0.60	744.8	0.60	774.9	0.62	805.3	0.69	835.3	0.78		
	715.4	0.60	745.1	0.60	775.3	0.62	805.6	0.69	835.7	0.78		
	715.7	0.60	745.5	0.60	775.6	0.62	805.9	0.69	836.0	0.77		
	716.0	0.59	745.8	0.60	776.0	0.62	806.3	0.69	836.4	0.78		
	716.3	0.60	746.1	0.60	776.3	0.63	806.6	0.69	836.7	0.78		
	716.6	0.59	746.5	0.60	776.6	0.62	806.9	0.69	837.0	0.78		
	717.0	0.59	746.8	0.60	777.0	0.63	807.3	0.69	837.4	0.78		
	717.3	0.60	747.1	0.60	777.3	0.63	807.6	0.69	837.7	0.78		
	717.6	0.59	747.4	0.60	777.7	0.62	807.9	0.69	838.0	0.78		
	717.9	0.59	747.8	0.60	778.0	0.63	808.2	0.70	838.4	0.78		
	718.2	0.59	748.1	0.60	778.3	0.63	808.6	0.70	838.7	0.79		
	718.5	0.59	748.5	0.60	778.7	0.62	808.9	0.70	839.1	0.79		
	718.9	0.59	748.8	0.60	779.0	0.63	809.3	0.70	839.4	0.79		
	719.2	0.59	749.1	0.60	779.3	0.63	809.6	0.70	839.7	0.79		
	719.5	0.59	749.5	0.60	779.7	0.63	809.9	0.71	840.1	0.79		
	719.8	0.59	749.8	0.60	780.0	0.63	810.3	0.70	840.4	0.79		
	720.2	0.59	750.1	0.60	780.4	0.63	810.6	0.70	840.7	0.79		
	720.5	0.59	750.5	0.60	780.7	0.63	810.9	0.71	841.1	0.79		
	720.8	0.59	750.8	0.60	781.0	0.63	811.2	0.70	841.4	0.79		
	721.2	0.59	751.2	0.60	781.4	0.63	811.6	0.71	841.8	0.79		
	721.5	0.59	751.4	0.60	781.7	0.63	811.9	0.71	842.1	0.79		
	721.8	0.59	751.8	0.60	782.1	0.63	812.3	0.71	842.4	0.79		
	722.1	0.59	752.2	0.60	782.4	0.63	812.6	0.71	842.8	0.79		
	722.5	0.59	752.5	0.60	782.7	0.63	812.9	0.71	843.1	0.79		
	722.8	0.59	752.8	0.60	783.1	0.63	813.3	0.71	843.4	0.80		
	723.1	0.59	753.1	0.60	783.4	0.64	813.6	0.71	843.8	0.79		
	723.4	0.59	753.5	0.60	783.7	0.64	813.9	0.71	844.1	0.80		
	723.8	0.59	753.8	0.60	784.1	0.64	814.2	0.71	844.4	0.80		
	724.1	0.59	754.2	0.60	784.4	0.64	814.6	0.72	844.8	0.80		
	724.4	0.59	754.5	0.60	784.7	0.64	814.9	0.71	845.1	0.80		
	724.8	0.59	754.8	0.60	785.1	0.64	815.3	0.72	845.4	0.80		
	725.1	0.59	755.1	0.60	785.4	0.64	815.6	0.72	845.8	0.81		
	725.4	0.59	755.5	0.60	785.8	0.64	815.9	0.72	846.1	0.80		
	725.8	0.59	755.8	0.60	786.1	0.64	816.2	0.72	846.5	0.80		
	726.1	0.59	756.2	0.60	786.4	0.64	816.6	0.72	846.8	0.81		
	726.4	0.59	756.5	0.60	786.8	0.64	816.9	0.72	847.1	0.81		
	726.8	0.59	756.8	0.60	787.1	0.64	817.3	0.73	847.5	0.81		
	727.1	0.59	757.1	0.60	787.5	0.64	817.6	0.73	847.8	0.81		
	727.4	0.59	757.5	0.60	787.8	0.64	817.9	0.73	848.1	0.82		
	727.8	0.59	757.8	0.60	788.1	0.64	818.2	0.73	848.5	0.81		
	728.1	0.59	758.2	0.61	788.5	0.64	818.6	0.73	848.8	0.81		
	728.5	0.59	758.5	0.61	788.8	0.65	818.9	0.73	849.2	0.81		
	728.8	0.59	758.8	0.61	789.2	0.64	819.3	0.73	849.5	0.81		
	729.1	0.59	759.2	0.61	789.5	0.65	819.6	0.73	849.8	0.82		
	729.4	0.59	759.5	0.61	789.8	0.64	819.9	0.73	850.2	0.82		

1569a, PDZ1 RPT, 1045-1119°C, 10.0°C/h				1072.8	0.67	1103.2	0.68	1570a, PDZ1 RPT, 1119-1238°C, 10.0°C				1146.7	0.69	1177.0	0.70	1207.3	0.69
PDZ1 RPT				1073.2	0.67	1103.5	0.68	PDZ1 RPT				1147.0	0.68	1177.3	0.70	1207.6	0.69
1569a		13/07/00		1073.5	0.67	1103.9	0.68	1570a		13/07/00		1147.3	0.69	1177.7	0.70	1208.0	0.68
154.000 mg				1073.9	0.67	1104.2	0.68	154.000 mg				1147.7	0.69	1178.0	0.70	1208.3	0.69
	10.0 °C/min			1074.2	0.66	1104.5	0.68		10.0 °C/min			1148.0	0.69	1178.3	0.70	1208.6	0.69
1045.10 - 1118.60 °C				1074.5	0.66	1104.8	0.68	1118.63 - 1238.08 °C				1148.4	0.68	1178.7	0.70	1209.0	0.69
T(°C), Cp(J/gK)	1569a, PC			1074.9	0.66	1105.2	0.68	T(°C), Cp(J/gK)	1570a, PC			1148.7	0.68	1179.0	0.70	1209.3	0.69
	1045.1	0.68		1075.2	0.67	1105.5	0.68		1118.8	0.69		1149.0	0.68	1179.3	0.70	1209.6	0.69
	1045.4	0.68		1075.6	0.67	1105.9	0.68		1119.2	0.68		1149.4	0.68	1179.7	0.71	1210.0	0.69
	1045.8	0.68		1075.9	0.67	1106.2	0.68		1119.5	0.69		1149.7	0.68	1180.0	0.70	1210.3	0.68
	1046.1	0.68		1076.2	0.66	1106.6	0.68		1119.9	0.68		1150.1	0.68	1180.3	0.70	1210.7	0.69
	1046.5	0.68		1076.5	0.66	1106.9	0.68		1120.2	0.69		1150.4	0.68	1180.7	0.70	1211.0	0.69
	1046.8	0.67		1076.9	0.66	1107.2	0.68		1120.5	0.68		1150.7	0.68	1181.0	0.70	1211.3	0.69
	1047.1	0.68		1077.2	0.66	1107.5	0.68		1120.9	0.69		1151.1	0.68	1181.4	0.70	1211.7	0.69
	1047.4	0.68		1077.5	0.66	1107.9	0.68		1121.2	0.69		1151.4	0.68	1181.7	0.70	1212.0	0.69
	1047.8	0.67		1077.9	0.66	1108.2	0.68		1121.5	0.68		1151.7	0.68	1182.0	0.70	1212.4	0.70
	1048.1	0.68		1078.3	0.66	1108.6	0.68		1121.8	0.69		1152.1	0.68	1182.4	0.70	1212.7	0.69
	1048.4	0.68		1078.6	0.66	1108.9	0.68		1122.2	0.68		1152.4	0.68	1182.7	0.70	1213.0	0.69
	1048.8	0.67		1078.9	0.66	1109.2	0.68		1122.5	0.68		1152.8	0.68	1183.0	0.70	1213.4	0.70
	1049.1	0.67		1079.3	0.67	1109.6	0.68		1122.9	0.68		1153.1	0.68	1183.4	0.70	1213.7	0.69
	1049.5	0.67		1079.6	0.67	1109.9	0.68		1123.2	0.68		1153.4	0.68	1183.7	0.70	1214.0	0.69
	1049.8	0.67		1079.9	0.66	1110.2	0.68		1123.5	0.68		1153.8	0.68	1184.1	0.70	1214.4	0.69
	1050.1	0.67		1080.3	0.66	1110.6	0.68		1123.8	0.68		1154.1	0.68	1184.4	0.70	1214.7	0.69
	1050.4	0.67		1080.6	0.67	1110.9	0.68		1124.2	0.67		1154.4	0.68	1184.7	0.70	1215.1	0.69
	1050.8	0.67		1080.9	0.67	1111.2	0.68		1124.5	0.69		1154.8	0.68	1185.1	0.70	1215.4	0.69
	1051.1	0.67		1081.3	0.67	1111.6	0.68		1124.8	0.68		1155.1	0.68	1185.4	0.70	1215.7	0.69
	1051.5	0.67		1081.6	0.66	1111.9	0.68		1125.2	0.68		1155.4	0.68	1185.7	0.70	1216.1	0.69
	1051.8	0.67		1081.9	0.66	1112.2	0.68		1125.5	0.68		1155.8	0.68	1186.1	0.70	1216.4	0.69
	1052.1	0.67		1082.3	0.67	1112.6	0.69		1125.9	0.68		1156.1	0.68	1186.4	0.70	1216.7	0.69
	1052.5	0.67		1082.6	0.67	1112.9	0.68		1126.2	0.68		1156.5	0.68	1186.7	0.70	1217.1	0.69
	1052.8	0.67		1083.0	0.66	1113.2	0.68		1126.5	0.68		1156.8	0.67	1187.1	0.70	1217.4	0.69
	1053.1	0.67		1083.3	0.67	1113.6	0.68		1126.9	0.68		1157.1	0.68	1187.4	0.70	1217.8	0.69
	1053.4	0.67		1083.6	0.67	1113.9	0.69		1127.2	0.68		1157.5	0.68	1187.7	0.70	1218.1	0.69
	1053.8	0.67		1084.0	0.66	1114.3	0.68		1127.5	0.68		1157.8	0.69	1188.1	0.70	1218.4	0.69
	1054.1	0.67		1084.3	0.67	1114.6	0.68		1127.9	0.68		1158.2	0.69	1188.4	0.70	1218.8	0.69
	1054.4	0.67		1084.6	0.67	1114.9	0.69		1128.2	0.68		1158.5	0.68	1188.7	0.70	1219.1	0.69
	1054.8	0.67		1085.0	0.66	1115.2	0.68		1128.5	0.68		1158.8	0.68	1189.1	0.70	1219.4	0.69
	1055.1	0.67		1085.3	0.66	1115.6	0.69		1128.9	0.68		1159.2	0.67	1189.4	0.70	1219.8	0.69
	1055.4	0.67		1085.7	0.67	1115.9	0.69		1129.2	0.68		1159.5	0.68	1189.8	0.69	1220.1	0.69
	1055.8	0.67		1086.0	0.67	1116.3	0.68		1129.5	0.68		1159.8	0.68	1190.1	0.69	1220.5	0.69
	1056.1	0.67		1086.4	0.67	1116.6	0.68		1129.9	0.68		1160.2	0.69	1190.4	0.69	1220.8	0.69
	1056.5	0.67		1086.7	0.67	1116.9	0.69		1130.2	0.68		1160.5	0.68	1190.8	0.69	1221.1	0.70
	1056.8	0.68		1087.0	0.67	1117.3	0.69		1130.5	0.68		1160.9	0.68	1191.1	0.69	1221.5	0.69
	1057.1	0.67		1087.4	0.67	1117.6	0.69		1130.9	0.68		1161.2	0.68	1191.5	0.69	1221.8	0.69
	1057.5	0.67		1087.7	0.67	1117.9	0.69		1131.2	0.68		1161.5	0.68	1191.8	0.69	1222.1	0.69
	1057.8	0.67		1088.0	0.67	1118.3	0.69		1131.5	0.68		1161.9	0.69	1192.1	0.69	1222.5	0.69
	1058.1	0.67		1088.3	0.67	1118.6	0.69		1131.9	0.68		1162.2	0.69	1192.4	0.69	1222.8	0.69
	1058.5	0.67		1088.7	0.67				1132.2	0.68		1162.6	0.69	1192.8	0.69	1223.2	0.70
	1058.8	0.67		1089.1	0.67				1132.5	0.68		1162.9	0.69	1193.1	0.69	1223.5	0.70
	1059.1	0.67		1089.4	0.67				1132.9	0.68		1163.2	0.69	1193.5	0.69	1223.8	0.69
	1059.5	0.67		1089.7	0.67				1133.2	0.68		1163.6	0.69	1193.8	0.69	1224.2	0.69
	1059.8	0.67		1090.1	0.67				1133.6	0.68		1163.9	0.69	1194.1	0.69	1224.5	0.69
	1060.1	0.67		1090.4	0.67				1133.9	0.68		1164.2	0.69	1194.5	0.69	1224.8	0.70
	1060.5	0.67		1090.8	0.67				1134.2	0.68		1164.6	0.69	1194.8	0.69	1225.2	0.69
	1060.8	0.67		1091.1	0.68				1134.6	0.68		1164.9	0.69	1195.2	0.69	1225.5	0.69
	1061.1	0.67		1091.4	0.67				1134.9	0.67		1165.3	0.69	1195.5	0.69	1225.9	0.69
	1061.5	0.67		1091.7	0.67				1135.2	0.68		1165.6	0.69	1195.8	0.69	1226.2	0.69
	1061.8	0.67		1092.1	0.67				1135.6	0.68		1165.9	0.69	1196.2	0.69	1226.5	0.69
	1062.1	0.67		1092.4	0.67				1135.9	0.68		1166.3	0.69	1196.5	0.69	1226.9	0.70
	1062.5	0.67		1092.8	0.67				1136.3	0.68		1166.6	0.69	1196.8	0.69	1227.2	0.70
	1062.8	0.67		1093.1	0.67				1136.6	0.68		1166.9	0.69	1197.2	0.69	1227.5	0.69
	1063.1	0.67		1093.5	0.67				1136.9	0.68		1167.3	0.69	1197.5	0.69	1227.9	0.69
	1063.5	0.67		1093.8	0.67				1137.3	0.67		1167.6	0.69	1197.8	0.70	1228.2	0.69
	1063.8	0.67		1094.1	0.67				1137.6	0.69		1167.9	0.69	1198.2	0.69	1228.5	0.69
	1064.1	0.67		1094.4	0.67				1137.9	0.68		1168.3	0.70	1198.5	0.69	1228.9	0.69
	1064.5	0.67		1094.8	0.67				1138.2	0.68		1168.6	0.69	1198.9	0.69	1229.2	0.69
	1064.8	0.67		1095.1	0.67				1138.6	0.68		1169.0	0.69	1199.2	0.69	1229.6	0.70
	1065.2	0.67		1095.5	0.67				1138.9	0.68		1169.3	0.69	1199.5	0.69	1229.9	0.69
	1065.5	0.67		1095.8	0.67				1139.2	0.68		1169.6	0.69	1199.9	0.69	1230.2	0.69
	1065.8	0.67		1096.1	0.67				1139.6	0.68		1170.0	0.69	1200.2	0.69	1230.6	0.69
	1066.2	0.67		1096.5	0.68				1139.9	0.68		1170.3	0.69	1200.5	0.69	1230.9	0.69
	1066.5	0.67		1096.8	0.68				1140.3	0.68		1170.6	0.69	1200.9	0.69	1231.3	0.70
	1066.8	0.66		1097.2	0.68				1140.6	0.68		1171.0	0.69	1201.2	0.69	1231.6	0.70
	1067.2	0.67		1097.5	0.68				1140.9	0.68		1171.3	0.70	1201.6	0.69	1231.9	0.70
	1067.5	0.66		1097.9	0.68				1141.3	0.69		1171.6	0.70	1201.9	0.69	1232.3	0.70
	1067.8	0.67		1098.2	0.68				1141.6	0.69		1171.9	0.70	1202.2	0.69	1232.6	0.70
	1068.2	0.67		1098.5	0.67				1141.9	0.69		1172.3	0.70	1202.6	0.69	1233.0	0.70
	1068.5	0.66		1098.8	0.68				1142.3	0.68		1172.7	0.70	1202.9	0.69	1233.3	0.70
	1068.8	0.67		1099.2	0.68</												

1571a, PDZ1 RPT, 1236-1375°C, 10.0°C
PDZ1 RPT
1571a
154,000 mg

1407/00
10.0 °C/min
1236.63 - 1375.40 °C
T(°C), Cp(J/gK)

1236.6	0.70
1236.0	0.70
1236.3	0.70
1236.7	0.69
1240.0	0.70
1240.4	0.70
1240.7	0.70
1241.0	0.70
1241.4	0.70
1241.7	0.70
1242.0	0.70
1242.4	0.70
1242.7	0.70
1243.1	0.70
1243.4	0.70
1243.7	0.70
1244.1	0.70
1244.4	0.70
1244.8	0.70
1245.1	0.70
1245.4	0.70
1245.8	0.69
1246.1	0.70
1246.5	0.70
1246.8	0.70
1247.1	0.70
1247.5	0.70
1247.8	0.69
1248.2	0.70
1248.5	0.70
1248.8	0.70
1249.2	0.70
1249.5	0.70
1249.9	0.70
1250.2	0.71
1250.5	0.70
1250.9	0.70
1251.2	0.70
1251.6	0.70
1251.9	0.70
1252.2	0.70
1252.6	0.70
1252.9	0.70
1253.2	0.70
1253.6	0.69
1253.9	0.69
1254.2	0.70
1254.6	0.71
1254.9	0.70
1255.2	0.70
1255.6	0.70
1255.9	0.70
1256.3	0.70
1256.6	0.70
1257.0	0.70
1257.3	0.70
1257.7	0.70
1258.0	0.70
1258.3	0.70
1258.6	0.70
1259.0	0.70
1259.3	0.70
1259.7	0.70
1260.0	0.71
1260.3	0.70
1260.7	0.70
1261.0	0.70
1261.4	0.70
1261.7	0.71
1262.0	0.70
1262.4	0.70
1262.7	0.70
1263.1	0.70
1263.4	0.70
1263.8	0.70
1264.1	0.71
1264.4	0.70
1264.7	0.70
1265.1	0.70
1265.4	0.70
1265.8	0.71
1266.1	0.71
1266.5	0.71

1266.8	0.71	1297.3	0.84	1327.8	1.41	1357.9
1267.1	0.71	1297.6	0.84	1328.1	1.44	1358.2
1267.5	0.70	1297.9	0.85	1328.4	1.45	1358.5
1267.8	0.71	1298.3	0.85	1328.8	1.47	1358.9
1268.1	0.71	1298.6	0.85	1329.1	1.48	1359.2
1268.5	0.71	1299.0	0.85	1329.4	1.48	1359.5
1268.8	0.72	1299.3	0.86	1329.8	1.53	1359.9
1269.1	0.72	1299.6	0.87	1330.1	1.52	1360.2
1269.5	0.72	1300.0	0.87	1330.4	1.54	1360.5
1269.9	0.71	1300.3	0.86	1330.8	1.57	1360.9
1270.2	0.71	1300.7	0.87	1331.1	1.59	1361.2
1270.5	0.71	1301.0	0.86	1331.5	1.60	1361.5
1270.9	0.71	1301.3	0.86	1331.8	1.61	1361.9
1271.2	0.72	1301.7	0.86	1332.1	1.63	1362.2
1271.5	0.72	1302.0	0.86	1332.5	1.65	1362.5
1271.8	0.72	1302.4	0.89	1332.8	1.66	1362.8
1272.2	0.72	1302.7	0.89	1333.1	1.69	1363.2
1272.5	0.72	1303.0	0.89	1333.5	1.70	1363.5
1272.9	0.72	1303.4	0.89	1333.8	1.73	1363.8
1273.2	0.73	1303.7	0.91	1334.2	1.74	1364.1
1273.6	0.73	1304.0	0.90	1334.5	1.76	1364.5
1273.9	0.72	1304.4	0.90	1334.8	1.78	1364.8
1274.2	0.72	1304.7	0.92	1335.1	1.79	1365.1
1274.6	0.73	1305.0	0.92	1335.5	1.83	1365.5
1274.9	0.72	1305.4	0.92	1335.8	1.84	1365.8
1275.2	0.73	1305.7	0.92	1336.2	1.85	1366.1
1275.6	0.73	1306.1	0.93	1336.5	1.89	1366.5
1275.9	0.73	1306.4	0.94	1336.8	1.90	1366.8
1276.3	0.73	1306.7	0.94	1337.2	1.93	1367.1
1276.6	0.73	1307.1	0.94	1337.5	1.94	1367.5
1276.9	0.73	1307.4	0.94	1337.8	1.98	1367.8
1277.3	0.73	1307.7	0.95	1338.2	1.99	1368.1
1277.6	0.74	1308.1	0.96	1338.5	2.01	1368.5
1278.0	0.73	1308.4	0.96	1338.8	2.05	1368.8
1278.3	0.74	1308.8	0.97	1339.2	2.09	1369.1
1278.6	0.74	1309.1	0.97	1339.5	2.08	1369.4
1279.0	0.74	1309.5	0.98	1339.8	2.11	1369.8
1279.3	0.75	1309.8	0.98	1340.2	2.14	1370.1
1279.6	0.74	1310.1	0.98	1340.5	2.16	1370.4
1280.0	0.74	1310.5	0.99	1340.9	2.18	1370.8
1280.3	0.75	1310.8	1.00	1341.2	2.22	1371.1
1280.7	0.75	1311.2	1.00	1341.5	2.27	1371.4
1281.0	0.75	1311.5	1.01	1341.8	2.27	1371.8
1281.3	0.75	1311.8	1.01	1342.2	2.29	1372.1
1281.7	0.75	1312.2	1.02	1342.5	2.34	1372.4
1282.0	0.76	1312.5	1.03	1342.8	2.36	1372.8
1282.4	0.76	1312.9	1.03	1343.2	2.39	1373.1
1282.7	0.76	1313.2	1.03	1343.5	2.43	1373.4
1283.1	0.76	1313.5	1.04	1343.9	2.46	1373.7
1283.4	0.76	1313.9	1.05	1344.2	2.49	1374.1
1283.7	0.77	1314.2	1.05	1344.5	2.52	1374.4
1284.1	0.76	1314.5	1.06	1344.8	2.54	1374.8
1284.4	0.76	1314.9	1.07	1345.2	2.54	1375.1
1284.7	0.77	1315.2	1.08	1345.5	2.62	1375.4
1285.1	0.77	1315.6	1.09	1345.8	2.63	1375.4
1285.4	0.77	1315.9	1.09	1346.2	2.66	1375.4
1285.8	0.77	1316.3	1.09	1346.5	2.69	1375.4
1286.1	0.77	1316.6	1.10	1346.9	2.75	1375.4
1286.5	0.78	1316.9	1.11	1347.2	2.78	1375.4
1286.8	0.77	1317.3	1.11	1347.5	2.79	1375.4
1287.1	0.78	1317.6	1.13	1347.9	2.81	1375.4
1287.5	0.78	1317.9	1.13	1348.2	2.85	1375.4
1287.8	0.78	1318.3	1.13	1348.5	2.86	1375.4
1288.1	0.78	1318.6	1.15	1348.9	2.91	1375.4
1288.5	0.79	1319.0	1.16	1349.2	2.92	1375.4
1288.8	0.79	1319.3	1.16	1349.5	2.96	1375.4
1289.1	0.79	1319.7	1.17	1349.9	3.02	1375.4
1289.5	0.79	1320.0	1.18	1350.2	3.00	1375.4
1289.8	0.79	1320.3	1.19	1350.5	3.05	1375.4
1290.2	0.79	1320.6	1.19	1350.9	3.09	1375.4
1290.5	0.79	1321.0	1.20	1351.2	3.13	1375.4
1290.9	0.80	1321.3	1.21	1351.5	3.18	1375.4
1291.2	0.80	1321.7	1.22	1351.9	3.22	1375.4
1291.5	0.80	1322.0	1.23	1352.2	3.23	1375.4
1291.9	0.80	1322.4	1.24	1352.5	3.30	1375.4
1292.2	0.80	1322.7	1.26	1352.9	3.32	1375.4
1292.5	0.81	1323.0	1.27	1353.2	3.39	1375.4
1292.9	0.81	1323.4	1.28	1353.5	3.45	1375.4
1293.2	0.81	1323.7	1.28	1353.9	3.45	1375.4
1293.5	0.81	1324.0	1.29	1354.2	3.50	1375.4
1293.9	0.81	1324.4	1.30	1354.5	3.53	1375.4
1294.2	0.82	1324.7	1.32	1354.9	3.59	1375.4
1294.6	0.82	1325.1	1.33	1355.2	3.63	1375.4
1294.9	0.82	1325.4	1.33	1355.5	3.70	1375.4
1295.2	0.82	1325.7	1.34	1355.9	3.74	1375.4
1295.6	0.83	1326.1	1.36	1356.2	3.77	1375.4
1295.9	0.83	1326.4	1.37	1356.6	3.82	1375.4
1296.3	0.83	1326.7	1.39	1356.9	3.89	1375.4
1296.6	0.83	1327.1	1.40	1357.2	3.90	1375.4
1296.9	0.83	1327.4	1.41	1357.6	3.96	1375.4

1572a, PDZ1, 1376-1504°C, 10.0°C/min, 154
4.05 PDZ1
1572a
154,000 mg

1407/00
10.0 °C/min
1375.8 - 1504.02 °C
T(°C), Cp(J/gK)

1375.8	0.66
1376.1	0.66
1376.4	0.66
1376.7	0.66
1377.1	0.66
1377.4	0.66
1377.7	0.66
1378.0	0.66
1378.4	0.66
1378.7	0.66
1379.0	0.66
1379.3	0.66
1379.6	0.66
1380.0	0.66
1380.3	0.66
1380.6	0.66
1380.9	0.66
1381.3	0.66
1381.6	0.66
1381.9	0.66
1382.2	0.66
1382.5	0.66
1382.8	0.66
1383.1	0.66
1383.4	0.66
1383.7	0.66
1384.0	0.66
1384.3	0.66
1384.6	0.66
1384.9	0.66
1385.3	0.66
1385.6	0.66
1385.9	0.66
1386.2	0.66
1386.5	0.66
1386.8	0.66
1387.1	0.66
1387.4	0.66
1387.7	0.66
1388.0	0.66
1388.3	0.66
1388.6	0.66
1388.9	0.66
1389.2	0.66
1389.5	0.66
1389.8	0.66
1390.1	0.66
1390.4	0.66
1390.7	0.66
1391.0	0.66
1391.3	0.66
1391.6	0.66
1391.9	0.66
1392.2	0.66
1392.5	0.66
1392.8	0.66
1393.1	0.66
1393.4	0.66
1393.7	0.66
1394.0	0.66
1394.3	0.66
1394.6	0.66
1394.9	0.66
1395.3	0.66
1395.6	0.66
1395.9	0.66
1396.2	0.66
1396.5	0.66
1396.8	0.66
1397.1	0.66
1397.4	0.66
1397.7	0.66
1398.0	0.66
1398.3	0.66
1398.6	0.66
1398.9	0.66
1399.2	0.66
1399.5	0.66
1399.8	0.66
1400.1	0.66
1400.4	0.66
1400.7	0.66
1401.0	0.66
1401.3	0.66
1401.6	0.66
1401.9	0.66
1402.2	0.66
1402.5	0.66
1402.8	0.66
1403.1	0.66
1403.4	0.66
1403.7	0.66
1404.0	0.66
1404.3	0.66
1404.6	0.66
1404.9	0.66
1405.3	0.66
1405.6	0.66

1405.8 0.76 1436.8 0.82 1467.9 0.79
1406.1 0.76 1437.2 0.82 1468.2 0.80
1406.4 0.76 1437.5 0.82 1468.6 0.80
1406.8 0.77 1437.9 0.82 1468.9 0.80
1407.2 0.77 1438.2 0.82 1469.3 0.81
1407.5 0.77 1438.5 0.82 1469.6 0.81
1407.8 0.77 1438.9 0.82 1470.0 0.81
1408.2 0.77 1439.2 0.82 1470.3 0.81
1408.5 0.77 1439.6 0.81 1470.7 0.81
1408.9 0.77 1439.9 0.83 1471.0 0.81
1409.2 0.78 1440.3 0.83 1471.4 0.81
1409.6 0.78 1440.6 0.82 1471.7 0.81
1409.9 0.78 1440.9 0.82 1472.1 0.81
1410.3 0.78 1441.3 0.82 1472.4 0.81
1410.6 0.78 1441.6 0.83 1472.8 0.81
1411.0 0.79 1442.0 0.82 1473.1 0.81
1411.3 0.79 1442.3 0.82 1473.5 0.81
1411.6 0.79 1442.7 0.82 1473.8 0.81
1412.0 0.79 1443.0 0.82 1474.1 0.81
1412.3 0.78 1443.4 0.81 1474.5 0.81
1412.7 0.79 1443.7 0.82 1474.8 0.81
1413.0 0.78 1444.1 0.82 1475.2 0.81
1413.4 0.79 1444.

1569a, PDZ4 RPT, 1016-1197°C, 10.0°C/min, 145.60 mg,
 PDZ4 RPT
 1569a 24/07/00
 145.600 mg
 10 °C/min
 1016.30 - 1197.17 °C
 T(°C), Cp(1569a, PDZ4 RPT, 1016-1197°C,

1016.3	0.81
1021.7	0.79
1027.0	0.78
1032.5	0.79
1037.8	0.78
1043.1	0.77
1048.5	0.76
1053.9	0.76
1059.2	0.76
1064.6	0.75
1069.9	0.75
1075.0	0.74
1080.4	0.73
1085.8	0.73
1091.2	0.73
1096.6	0.73
1101.9	0.72
1107.3	0.71
1107.6	0.71
1107.9	0.71
1108.3	0.71
1108.6	0.71
1109.0	0.71
1109.3	0.71
1109.6	0.71
1110.0	0.71
1110.3	0.72
1110.6	0.71
1111.0	0.71
1111.3	0.71
1111.7	0.71
1112.0	0.71
1112.3	0.71
1112.6	0.71
1113.0	0.71
1113.3	0.71
1113.6	0.71
1114.0	0.71
1114.3	0.71
1114.6	0.71
1115.0	0.71
1115.3	0.71
1115.7	0.71
1116.0	0.70
1116.3	0.71
1116.7	0.70
1117.0	0.71
1117.4	0.71
1117.7	0.71
1118.0	0.71
1118.4	0.71
1118.7	0.71
1119.0	0.71
1119.3	0.71
1119.7	0.71
1120.0	0.71
1120.4	0.71
1120.7	0.71
1121.0	0.71
1121.4	0.71
1121.7	0.71
1122.0	0.71
1122.4	0.71
1122.7	0.71
1123.1	0.71
1123.4	0.71
1123.7	0.70
1124.1	0.70
1124.4	0.70
1124.7	0.71
1125.1	0.70
1125.4	0.71
1125.7	0.70
1126.1	0.70
1126.4	0.70
1126.7	0.70
1127.1	0.70
1127.4	0.70

1127.7	0.70	1156.4	0.72	1185.0	0.77
1128.1	0.70	1156.7	0.73	1185.4	0.77
1128.4	0.70	1157.1	0.73	1185.7	0.77
1128.8	0.70	1157.4	0.72	1186.1	0.78
1129.1	0.70	1157.7	0.73	1186.4	0.78
1129.4	0.70	1158.1	0.72	1186.7	0.79
1129.8	0.70	1158.4	0.73	1187.1	0.78
1130.1	0.70	1158.7	0.73	1187.4	0.77
1130.4	0.70	1159.1	0.74	1187.7	0.78
1130.8	0.71	1159.4	0.73	1188.1	0.77
1131.1	0.71	1159.8	0.74	1188.4	0.78
1131.4	0.71	1160.1	0.73	1188.7	0.77
1131.8	0.71	1160.5	0.74	1189.1	0.78
1132.1	0.71	1160.8	0.74	1189.4	0.78
1132.5	0.72	1161.1	0.74	1189.8	0.78
1132.8	0.72	1161.5	0.74	1190.1	0.78
1133.1	0.73	1161.8	0.74	1190.4	0.78
1133.5	0.72	1162.1	0.73	1190.8	0.78
1133.8	0.72	1162.4	0.73	1191.1	0.78
1134.1	0.73	1162.8	0.73	1191.4	0.79
1134.5	0.72	1163.1	0.73	1191.8	0.79
1134.8	0.72	1163.5	0.73	1192.1	0.79
1135.1	0.73	1163.8	0.73	1192.5	0.78
1135.5	0.72	1164.2	0.74	1192.8	0.79
1135.8	0.72	1164.5	0.74	1193.1	0.79
1136.1	0.72	1164.8	0.74	1193.5	0.79
1136.5	0.72	1165.2	0.74	1193.8	0.79
1136.8	0.72	1165.5	0.74	1194.1	0.79
1137.2	0.72	1165.8	0.74	1194.5	0.79
1137.5	0.72	1166.2	0.74	1194.8	0.79
1137.8	0.72	1166.5	0.74	1195.1	0.80
1138.2	0.72	1166.9	0.74	1195.5	0.80
1138.5	0.72	1167.2	0.74	1195.8	0.80
1138.8	0.72	1167.5	0.74	1196.2	0.80
1139.2	0.72	1167.9	0.74	1196.5	0.81
1139.5	0.72	1168.2	0.74	1196.8	0.80
1139.8	0.72	1168.6	0.74	1197.2	0.81
1140.2	0.72	1168.9	0.75		
1140.5	0.72	1169.2	0.75		
1140.8	0.72	1169.6	0.74		
1141.2	0.72	1169.9	0.75		
1141.5	0.72	1170.2	0.75		
1141.9	0.72	1170.6	0.75		
1142.2	0.72	1170.9	0.74		
1142.5	0.72	1171.2	0.75		
1142.9	0.72	1171.6	0.75		
1143.2	0.72	1171.9	0.74		
1143.5	0.72	1172.3	0.76		
1143.9	0.72	1172.6	0.75		
1144.2	0.72	1172.9	0.75		
1144.5	0.72	1173.2	0.75		
1144.9	0.72	1173.6	0.75		
1145.2	0.72	1173.9	0.74		
1145.5	0.72	1174.3	0.75		
1145.9	0.72	1174.6	0.75		
1146.2	0.72	1174.9	0.75		
1146.6	0.72	1175.3	0.74		
1146.9	0.72	1175.6	0.74		
1147.2	0.72	1176.0	0.74		
1147.6	0.72	1176.3	0.74		
1147.9	0.72	1176.6	0.74		
1148.3	0.72	1176.9	0.75		
1148.6	0.72	1177.3	0.75		
1148.9	0.72	1177.6	0.75		
1149.3	0.72	1178.0	0.76		
1149.6	0.72	1178.3	0.75		
1149.9	0.73	1178.6	0.76		
1150.3	0.73	1178.9	0.76		
1150.6	0.72	1179.3	0.76		
1151.0	0.73	1179.6	0.75		
1151.3	0.73	1180.0	0.76		
1151.6	0.72	1180.3	0.75		
1152.0	0.73	1180.6	0.76		
1152.3	0.73	1181.0	0.76		
1152.7	0.73	1181.3	0.76		
1153.0	0.73	1181.7	0.76		
1153.3	0.73	1182.0	0.77		
1153.7	0.73	1182.3	0.77		
1154.0	0.73	1182.7	0.77		
1154.4	0.73	1183.0	0.77		
1154.7	0.72	1183.4	0.77		
1155.0	0.73	1183.7	0.77		
1155.4	0.73	1184.0	0.77		
1155.7	0.73	1184.4	0.77		
1156.1	0.72	1184.7	0.77		

1570a, PDZ4 , 1192-
 PDZ4
 1570a 24/07/00
 145.600 mg
 10 °C/min
 1191.91 - 1223.89 °C
 T(°C), Cp(1570a, PDZ4

1191.9	0.82
1197.3	0.83
1202.7	0.84
1208.1	0.83
1213.5	0.85
1218.8	0.85
1223.9	0.87

1566a, PDZ4 RPT, 713-863°C, 10.0°C/min, 145.60 n
 PDZ4 RPT
 1566a 20/07/00
 145.600 mg
 10 °C/min
 712.59 - 862.70 °C
 T(°C), Cp(1566a, PDZ4 RPT, 713-863°C,

712.6 0.78
 712.9 0.78
 713.2 0.77
 713.5 0.77
 713.8 0.77
 714.1 0.77
 714.4 0.76
 714.8 0.76
 715.1 0.76
 715.4 0.76
 715.7 0.76
 716.0 0.76
 716.3 0.75
 716.6 0.75
 717.0 0.75
 717.3 0.75
 717.6 0.75
 717.9 0.75
 718.3 0.75
 718.6 0.75
 718.9 0.75
 719.2 0.75
 719.6 0.75
 719.9 0.75
 720.2 0.75
 720.5 0.74
 720.9 0.75
 721.2 0.75
 721.5 0.75
 721.8 0.74
 722.1 0.75
 722.5 0.74
 722.8 0.74
 723.2 0.74
 723.5 0.74
 723.8 0.74
 724.1 0.74
 724.5 0.74
 724.8 0.74
 725.1 0.74
 725.5 0.74
 725.8 0.73
 726.1 0.74
 726.5 0.74
 726.8 0.73
 727.1 0.74
 727.4 0.74
 727.8 0.73
 728.1 0.74
 728.5 0.73
 728.8 0.74
 729.1 0.73
 729.5 0.74
 729.8 0.73
 730.1 0.74
 730.5 0.73
 730.8 0.73
 731.1 0.74
 731.5 0.73
 731.8 0.73
 732.1 0.73
 732.5 0.74
 732.8 0.74
 733.2 0.74
 733.5 0.74
 733.8 0.74
 734.2 0.74
 734.5 0.74
 734.8 0.74
 735.2 0.74
 735.5 0.74
 735.8 0.74
 736.2 0.73
 736.5 0.74
 736.8 0.74
 737.2 0.73
 737.5 0.74
 737.9 0.74

732.8 0.74 755.9 0.73 779.0 0.73 802.4 0.74 847.3 0.77
 733.2 0.74 756.2 0.73 779.4 0.73 802.7 0.74 847.7 0.77
 733.5 0.74 756.5 0.73 779.7 0.73 803.0 0.74 848.0 0.77
 733.8 0.74 756.8 0.73 780.0 0.73 803.4 0.74 848.3 0.77
 734.2 0.74 757.2 0.73 780.4 0.73 803.7 0.74 848.7 0.77
 734.5 0.74 757.5 0.73 780.7 0.73 804.0 0.75 849.0 0.77
 734.8 0.74 757.9 0.73 781.1 0.73 804.4 0.74 849.4 0.77
 735.2 0.74 758.2 0.73 781.4 0.73 804.7 0.74 849.7 0.77
 735.5 0.74 758.5 0.73 781.8 0.74 805.0 0.75 850.0 0.77
 735.8 0.74 758.8 0.73 782.1 0.74 805.4 0.75 850.4 0.77
 736.2 0.73 759.2 0.73 782.4 0.73 805.7 0.75 850.7 0.77
 736.5 0.74 759.5 0.73 782.8 0.73 806.0 0.75 851.0 0.77
 736.8 0.74 759.9 0.73 783.1 0.73 806.4 0.75 851.4 0.77
 737.2 0.73 760.2 0.73 783.4 0.74 806.7 0.74 851.7 0.77
 737.5 0.74 760.5 0.73 783.8 0.74 807.0 0.75 852.1 0.77
 737.9 0.74 760.9 0.73 784.1 0.73 807.4 0.75 852.4 0.77
 738.2 0.73 761.2 0.73 784.5 0.74 807.7 0.75 852.7 0.77
 738.5 0.74 761.6 0.73 784.8 0.73 808.0 0.74 853.1 0.77
 738.9 0.74 761.9 0.73 785.2 0.73 808.4 0.75 853.4 0.78
 739.2 0.73 762.2 0.73 785.5 0.74 808.7 0.74 853.8 0.77
 739.5 0.74 762.5 0.73 785.8 0.73 809.0 0.75 854.1 0.78
 739.9 0.74 762.9 0.73 786.2 0.73 809.4 0.74 854.4 0.77
 740.2 0.73 763.2 0.73 786.5 0.74 809.7 0.75 854.8 0.77
 740.5 0.74 763.6 0.73 786.8 0.74 810.0 0.75 855.1 0.78
 740.9 0.74 763.9 0.73 787.2 0.74 810.4 0.75 855.4 0.77
 741.2 0.74 764.2 0.73 787.5 0.74 810.7 0.75 855.7 0.77
 741.5 0.74 764.6 0.73 787.8 0.74 811.1 0.75 856.1 0.78
 741.9 0.74 764.9 0.73 788.2 0.74 811.4 0.75 856.4 0.78
 742.2 0.73 765.2 0.73 788.5 0.74 811.7 0.75 856.7 0.77
 742.5 0.74 765.6 0.73 788.9 0.74 812.0 0.75 857.1 0.77
 742.9 0.73 765.9 0.73 789.2 0.74 812.4 0.75 857.4 0.78
 743.2 0.74 766.2 0.73 789.6 0.74 812.7 0.75 857.7 0.78
 743.5 0.74 766.6 0.73 789.9 0.73 813.1 0.75 858.1 0.78
 743.9 0.74 766.9 0.73 790.2 0.74 813.4 0.75 858.4 0.78
 744.2 0.73 767.2 0.73 790.6 0.74 813.7 0.75 858.7 0.78
 744.5 0.74 767.6 0.73 790.9 0.74 814.0 0.75 859.1 0.78
 744.9 0.73 767.9 0.73 791.3 0.74 814.4 0.75 859.4 0.78
 745.2 0.74 768.3 0.73 791.6 0.74 814.7 0.75 859.7 0.77
 745.5 0.74 768.6 0.73 791.9 0.74 815.0 0.75 860.1 0.78
 745.9 0.73 768.9 0.73 792.3 0.74 815.4 0.75 860.4 0.77
 746.2 0.73 769.3 0.73 792.6 0.74 815.7 0.75 860.7 0.77
 746.5 0.73 769.6 0.73 793.0 0.74 816.1 0.75 861.1 0.77
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 747.2 0.73 770.3 0.73 793.6 0.74 816.8 0.75 861.7 0.78
 747.5 0.73 770.6 0.73 794.0 0.74 817.1 0.75 862.0 0.77
 747.8 0.73 770.9 0.73 794.3 0.74 817.4 0.75 862.4 0.78
 748.2 0.73 771.3 0.73 794.6 0.74 817.7 0.75 862.7 0.77
 748.5 0.73 771.6 0.73 795.0 0.74 818.1 0.75
 748.8 0.73 772.0 0.73 795.3 0.73 818.4 0.75
 749.2 0.73 772.3 0.73 795.7 0.74 818.8 0.75
 749.5 0.73 772.6 0.73 796.0 0.74 819.1 0.75
 749.9 0.73 773.0 0.73 796.3 0.74 819.4 0.75
 750.2 0.73 773.3 0.73 796.7 0.74 819.7 0.75
 750.5 0.73 773.7 0.73 797.0 0.74 820.1 0.75
 750.8 0.73 774.0 0.73 797.3 0.74 820.4 0.76
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 752.8 0.73 776.0 0.73 799.4 0.74 822.4 0.76
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 753.5 0.73 776.7 0.73 800.0 0.74 823.1 0.75
 753.9 0.73 777.0 0.73 800.4 0.74 823.4 0.76
 754.2 0.73 777.4 0.73 800.7 0.74 823.8 0.75
 754.5 0.73 777.7 0.73 801.0 0.74 824.1 0.76
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 755.2 0.73 778.4 0.73 801.7 0.75 824.8 0.76
 755.5 0.73 778.7 0.73 802.0 0.74 825.1 0.75