Curve for Alpha= 0,003850 and Ro= 100,00

Heraeus

Cui	ve ioi Aip	u=	0,003850	and Ho=	100,00					ICIC	U 3
Temp ºC	Resist	Cla	ass B	Cla	ss A	Temp ^o C	Resist	Cla	ss B	Clas	ss Δ
-200	18,493	17,930	19,056	18,255	18,731	-100	60,254	59,930	60,578	60,112	60,396
-199	18,926	18,365	19,485	18,689	19,163	-99	60,659	60,337	60,982	60,518	60,800
-198	19,358	18,800	19,915	19,122	19,594	-98	61,065	60,745	61,384	60,924	61,205
-197	19,790	19,235	20,344	19,555	20,025	-97	61,469	61,152	61,787	61,330	61,609
-196	20,221	19,669	20,773	19,988	20,455	-96	61,874	61,559	62,190	61,736	62,013
-195	20,653	20,103	21,202	20,420	20,885	-95	62,279	61,965	62,592	62,141	62,416
-194	21,083	20,536	21,630	20,852	21,315	-94	62,683	62,372	62,994	62,546	62,820
-193	21,514	20,969	22,058	21,283	21,744	-93	63,087	62,778	63,396	62,951	63,223
-192	21,944	21,402	22,485	21,714	22,173	-92	63,491	63,184	63,798	63,356	63,626
-191	22,374	21,834	22,912	22,145	22,602	-91	63,895	63,590	64,200	63,761	64,029
-190	22,803	22,266	23,339	22,576	23,030	-90	64,299	63,996	64,601	64,165	64,432
-189	23,232	22,698	23,766	23,006	23,458	-89	64,702	64,402	65,003	64,570	64,834
-188 -187	23,661 24,089	23,129	24,192		23,886 24,313	-88 -87	65,105	64,807	65,404	64,974	65,237
-186	24,069	23,560 23,991	24,618 25,043	23,865 24,294	24,740	-86	65,508 65,911	65,212 65,617	65,805 66,205	65,378 65,782	65,639 66,041
-185	24,945	24,421	25,468	24,722	25,167	-85	66,314	66,022	66,606	66,185	66,443
-184	25,372	24,851	25,893	25,151	25,593	-84	66,717	66,427	67,006	66,589	66,845
-183	25,799	25,280	26,317	25,579	26,019	-83	67,119	66,831	67,407	66,992	67,246
-182	26,226	25,709	26,741	26,006	26,445	-82	67,521	67,236	67,807	67,395	67,647
-181	26,652	26,138	27,165	26,434	26,870	-81	67,923	67,640	68,207	67,798	68,049
-180	27,078	26,567	27,589	26,861	27,295	-80	68,325	68,044	68,606	68,201	68,450
-179	27,504	26,995	28,012	27,287	27,720	-79	68,727	68,448	69,006	68,603	68,851
-178	27,929	27,423	28,435	27,714	28,144	-78	69,128	68,851	69,405	69,006	69,251
-177	28,354	27,850	28,857	28,140	28,568	-77	69,530	69,255	69,805	69,408	69,652
-176	28,779	28,277	29,279	28,565	28,992	-76	69,931	69,658	70,204	69,810	70,052
-175	29,203	28,704	29,701	28,991	29,415	-75	70,332	70,061	70,603	70,212	70,452
-174	29,627	29,131	30,123	29,416	29,838	-74	70,733	70,464	71,001	70,613	70,852
-173	30,051	29,557 29,983	30,544	29,841	30,261	-73	71,134	70,867	71,400	71,015	71,252
-172 -171	30,474 30,897	30,409	30,965 31,386	30,265 30,689	30,683 31,105	-72 -71	71,534 71,934	71,270 71,672	71,798 72,197	71,416 71,818	71,652 72,051
-170	31,320	30,834	31,806	31,113	31,527	-71	72,335	72,075	72,197	72,219	72,451
-169	31,742	31,259	32,226	31,536	31,949	-69	72,735	72,477	72,993	72,620	72,451
-168	32,165	31,683	32,646	31,960	32,370	-68	73,135	72,879	73,390	73,020	73,249
-167	32,587	32,108	33,065	32,382	32,791	-67	73,534	73,281	73,788	73,421	73,648
-166	33,008	32,532	33,484	32,805	33,211	-66	73,934	73,682	74,186	73,821	74,047
-165	33,429	32,955	33,903	33,227	33,631	-65	74,333	74,084	74,583	74,222	74,445
-164	33,850	33,379	34,321	33,649	34,051	-64	74,733	74,485	74,980	74,622	74,844
-163	34,271	33,802	34,740	34,071	34,471	-63	75,132	74,886	75,377	75,022	75,242
-162	34,691	34,225	35,158	34,492	34,891	-62	75,531	75,287	75,774	75,421	75,640
-161	35,111	34,647	35,575	34,913	35,310	-61	75,930	75,688	76,171	75,821	76,038
-160	35,531	35,069	35,993	35,334	35,728	-60	76,328	76,089	76,567	76,221	76,436
-159	35,951	35,491	36,410	35,754	36,147	-59	76,727	76,490	76,964	76,620	76,834
-158	36,370	35,913	36,827	36,175	36,565	-58	77,125	76,890	77,360	77,019	77,231
-157 -156	36,789	36,334	37,243	36,595	36,983	-57	77,523	77,290	77,756	77,418	77,628 78,026
-155	37,208 37,626	36,755 37,176	37,659 38,075	37,014 37,434	37,401 37,818	-56 -55	77,921 78,319	77,691 78,091	78,152 78,548	77,817 78,216	78,423
-154	38,044	37,176	38,491	37,454	38,235	-54	78,717	78,490	78,944	78,615	78,820
-153	38,462	38,017	38,907	38,271	38,652	-53	79,115	78,890	79,339	79,013	79,217
-152	38,879	38,437	39,322	38,690	39,069	-52	79,512	79,290	79,735	79,411	79,613
-151	39,297	38,856	39,737	39,108	39,485	-51	79,910	79,689	80,130	79,810	80,010
-150	39,714	39,276	40,151	39,526	39,901	-50	80,307	80,088	80,525	80,208	80,406
-149	40,130	39,695	40,566	39,944	40,317	-49	80,704	80,488	80,920	80,605	80,802
-148	40,547	40,114	40,980	40,361	40,733	-48	81,101	80,887	81,315	81,003	81,198
-147	40,963	40,532	41,394	40,778	41,148	-47	81,498	81,285	81,710	81,401	81,594
-146	41,379	40,951	41,807	41,195	41,563	-46	81,894	81,684	82,104	81,798	81,990
-145	41,795	41,369	42,220	41,612	41,977	-45	82,291	82,083	82,499	82,196	82,386
-144	42,210	41,786	42,633	42,028	42,392	-44	82,687	82,481	82,893	82,593	82,781
-143	42,625	42,204	43,046	42,444	42,806	-43	83,083	82,879	83,287	82,990	83,177
-142	43,040	42,621	43,459	42,860	43,220	-42	83,479	83,277	83,681	83,387	83,572
-141	43,455	43,038	43,871	43,276	43,634	-41	83,875	83,675	84,075	83,784	83,967
-140	43,869	43,455	44,283	43,691	44,047	-40	84,271	84,073	84,469	84,180	84,362
-139 -138	44,283 44,697	43,871 44,287	44,695 45,107	44,106 44,521		-39 -38	84,667	84,471	84,863	84,577	84,757
-137	45,111	44,703	45,107	44,935	44,873 45,286	-37	85,063 85,458	84,869 85,266	85,256 85,650	84,973 85,369	85,152 85,546
-136	45,524	45,119	45,929	45,350	45,698	-36	85,853	85,663	86,043	85,765	85,941
-135	45,937	45,534	46,340		46,111	-35	86,248	86,061	86,436	86,161	86,335
-134	46,350	45,950	46,750	46,178	46,523	-34	86,643	86,458	86,829	86,557	86,730
-133	46,763	46,365	47,161	46,591	46,934	-33	87,038	86,855	87,222	86,953	87,124
-132	47,175	46,779	47,571	47,004	47,346	-32	87,433	87,251	87,615	87,349	87,518
-131	47,587	47,194	47,981	47,418	47,757	-31	87,828	87,648	88,007	87,744	87,911
-130	47,999	47,608	48,390	47,830	48,168	-30	88,222	88,045	88,400	88,139	88,305
-129	48,411	48,022	48,800	48,243	48,579	-29	88,617	88,441	88,792	88,535	88,699
-128	48,822	48,436	49,209	48,655	48,989	-28	89,011	88,837	89,184	88,930	89,092
-127 -126	49,234 49,645	48,849 49,262	49,618 50,027	49,068 49,479	49,400 49,810	-27 -26	89,405 89,799	89,234 89,630	89,576 89,968	89,325 89,719	89,485
-125	50,055	49,675	50,027	49,891	50,220	-25	90,193	90,025	90,360	90,114	89,879 90,272
-123	50,466	50,088	50,843	50,303	50,629	-24	90,587	90,023	90,752	90,509	90,665
-123	50,876	50,501	51,251	50,714	51,039	-23	90,980	90,817	91,144	90,903	91,057
-122	51,286	50,913	51,659	51,125	51,448	-22	91,374	91,212	91,535	91,297	91,450
-121	51,696	51,325	52,067	51,536	51,857	-21	91,767	91,608	91,926	91,692	91,843
-120	52,106	51,737	52,474	51,946	52,266	-20	92,160	92,003	92,318	92,086	92,235
-119	52,515	52,149	52,881	52,356	52,674	-19	92,553	92,398	92,709	92,480	92,627
-118	52,924	52,560	53,288	52,767	53,082	-18	92,946	92,793	93,100	92,873	93,020
-117	53,333	52,971	53,695		53,490	-17	93,339	93,188		93,267	93,412
-116	53,742	53,382	54,102	53,586	53,898	-16	93,732	93,583	93,881	93,661	93,804
-115	54,151	53,793	54,508	53,995	54,306	-15	94,125	93,978	94,272	94,054	94,195
-114	54,559	54,204	54,914	54,405	54,713	-14	94,517	94,372	94,662	94,447	94,587
-113	54,967 55,375	54,614	55,320 55,726	54,814	55,121 55,528	-13 -12	94,910	94,766	95,053	94,841	94,979
-112 -111	55,375 55,783	55,024 55,434	55,726 56,131	55,223 55,631	55,528 55,934	-12	95,302 95,694	95,161 95,555	95,443 95,833	95,234 95,627	95,370 95,762
-110	56,190	55,844	56,536	56,040	56,341	-10	96,086	95,555	96,223	96,019	95,762
-109	56,598	56,253	56,942	56,448	56,747	-10	96,478	96,343	96,613	96,412	96,544
-108	57,005	56,663	57,346	56,856	57,154	-8	96,870	96,737	97,003	96,805	96,935
-107	57,412	57,072	57,751	57,263	57,560	-7	97,262	97,130		97,197	97,326
-106	57,818	57,481	58,156	57,671	57,965	-6	97,653	97,524	97,782	97,590	97,717
-105	58,225	57,889	58,560	58,078	58,371	-5	98,045	97,917	98,172	97,982	98,107
-104	58,631	58,298	58,964	58,486	58,776	-4	98,436	98,311	98,561	98,374	98,498
-103	59,037	58,706	59,368	58,893	59,182	-3	98,827	98,704	98,950	98,766	98,888
-102	59,443	59,114	59,772		59,587	-2	99,218	99,097	99,339	99,158	99,278
-101	59,849	59,522	60,175	59,706	59,991	-1	99,609	99,490	99,728	99,550	99,669
									_	_	

Temp ºC	Resist	Clas		Clas		Tem
0	100,000 100,391	99,883 100,272	100,117 100,510	99,941 100,331	100,059 100,450	
2	100,781	100,660	100,902	100,721	100,842	
3	101,172	101,049	101,295	101,111	101,233	
5	101,562 101,953	101,437 101,826	101,687 102,079	101,501 101,890	101,624 102,015	
6	102,343	102,214	102,471	102,280	102,406	
7	102,733	102,602	102,863	102,669	102,797	l
8	103,123 103,513	102,990 103,378	103,255 103,647	103,058 103,447	103,187 103,578	
10	103,902	103,766	104,039	103,836	103,968	
11	104,292	104,154	104,430	104,225	104,359	
12	104,681 105,071	104,541 104,929	104,821 105,213	104,614 105,002	104,749 105,139	
14	105,460	105,316	105,604	105,391	105,529	
15	105,849	105,703	105,995	105,779	105,919	
16 17	106,238 106,627	106,090 106,477	106,386 106,777	106,167 106,555	106,309 106,698	
18	107,016	106,864	107,167	106,943	107,088	
19	107,404	107,251	107,558	107,331	107,477	
20	107,793 108,181	107,637 108,024	107,948 108,339	107,719 108,107	107,867 108,256	
22	108,570	108,410	108,729	108,494	108,645	
23	108,958	108,797	109,119	108,882	109,034	
24 25	109,346 109,734	109,183	109,509 109,899	109,269 109,656	109,423 109,811	l
26	110,122	109,955	110,288	110,043	110,200	
27	110,509	110,341	110,678	110,430	110,588	
28	110,897	110,726	111,067	110,817	110,977	l
29 30	111,284 111,672	111,112 111,498	111,457 111,846	111,204 111,591	111,365 111,753	
31	112,059	111,883	112,235	111,977	112,141	
32	112,446	112,268	112,624	112,363	112,529	
33	112,833 113,220	112,653 113,038	113,013 113,402	112,750 113,136	112,917 113,305	
35	113,607	113,423	113,791	113,522	113,692	
36	113,994	113,808	114,179	113,908	114,080	l
37	114,380 114,767	114,193 114,577	114,568 114,956	114,294 114,679	114,467 114,854	
39	115,153	114,962	115,344	115,065	115,241	
40	115,539	115,346	115,732	115,450	115,628	l
41 42	115,925 116,311	115,730 116,114	116,120 116,508	115,836 116,221	116,015 116,402	
43	116,697	116,498	116,896	116,606	116,788	
44	117,083	116,882	117,284	116,991	117,175	
45 46	117,469 117,854	117,266 117,650	117,671 118,058	117,376 117,761	117,561 117,947	l
47	118,240	118,033	118,446	118,145	118,334	
48	118,625	118,417	118,833	118,530	118,720	
49 50	119,010 119,395	118,800 119,183	119,220 119,607	118,914 119,299	119,105 119,491	l
51	119,780	119,566	119,994	119,683	119,877	
52	120,165	119,949	120,380	120,067	120,263	
53 54	120,550 120,934	120,332	120,767 121,153	120,451	120,648	l
55	121,319	120,715 121,098	121,133	120,835 121,219	121,033 121,419	
56	121,703	121,480	121,926	121,602	121,804	
57 58	122,087 122,471	121,862 122,245	122,312 122,698	121,986 122,369	122,189 122,573	l
59	122,855	122,627	123,084	122,752	122,958	
60	123,239	123,009	123,470	123,136	123,343	
61	123,623	123,391	123,855	123,519	123,727	l
62	124,007 124,390	123,773 124,154	124,241 124,626	123,902 124,284	124,112 124,496	
64	124,774	124,536	125,011	124,667	124,880	
65	125,157	124,917	125,397	125,050	125,264 125,648	l
66	125,540 125,923	125,299 125,680	125,782 126,166	125,432 125,814	126,032	
68	126,306	126,061	126,551	126,197	126,416	
69	126,689	126,442	126,936	126,579	126,799	l
70 71	127,072 127,454	126,823 127,204	127,321 127,705	126,961 127,343	127,183 127,566	
72	127,837	127,585	128,089	127,725	127,949	
73	128,219	127,965	128,474	128,106	128,333	
74 75	128,602 128,984	128,346 128,726	128,858 129,242	128,488 128,869	128,716 129,098	
76	129,366	129,106	129,626	129,250	129,481	
77	129,748	129,486	130,009	129,632	129,864	
78 79	130,130 130,511	129,866 130,246	130,393 130,776	130,013 130,394	130,246 130,629	l
80	130,893	130,626	131,160	130,775	131,011	
81	131,274	131,005	131,543	131,155	131,393	
82 83	131,656 132,037	131,385 131,764	131,926 132,309	131,536 131,916	131,775 132,157	
84	132,418	132,144	132,692	132,297	132,539	
85	132,799	132,523	133,075	132,677	132,921	
86 87	133,180 133,561	132,902 133,281	133,458 133,840	133,057 133,437	133,302 133,684	
88	133,561	133,281	133,840	133,437	133,684	
89	134,322	134,038	134,605	134,197	134,447	
90	134,702	134,417	134,987	134,577	134,828	
91 92	135,083 135,463	134,795 135,174	135,370 135,752	134,956 135,336	135,209 135,590	
93	135,843	135,552	136,133	135,715	135,970	
94	136,223	135,930	136,515	136,094	136,351	
95 96	136,603 136,982	136,308 136,686	136,897 137,278	136,473 136,852	136,732 137,112	
97	137,362	137,064	137,660	137,231	137,492	
98	137,741	137,442	138,041	137,610	137,873	
99	138,121	137,819	138,422	137,989	138,253	

			Hei	rae	us
Temp ºC	Resist	Clas	ss B	Class	s Δ
100	138,500	138,197	138,803	138,367	138,633
101	138,879	138,574	139,184	138,746	139,013
102	139,258	138,951	139,565	139,124 139,502	139,392
103	139,637 140,016	139,328 139,705	139,946 140,326	139,880	139,772 140,151
105	140,395	140,082	140,707	140,258	140,531
106	140,773	140,459	141,087	140,636	140,910
107 108	141,152 141,530	140,836 141,212	141,467 141,848	141,014 141,391	141,289 141,668
109	141,908	141,589	142,228	141,769	142,047
110	142,286	141,965	142,607	142,146	142,426
111	142,664	142,341	142,987	142,524	142,805
112 113	143,042 143,420	142,717 143,093	143,367 143,746	142,901 143,278	143,183 143,562
114	143,797	143,469	144,126	143,655	143,940
115	144,175	143,845	144,505	144,031	144,318
116 117	144,552	144,220 144,596	144,884	144,408 144,785	144,696 145,074
118	144,930 145,307	144,971	145,263 145,642	145,161	145,452
119	145,684	145,346	146,021	145,538	145,830
120	146,061	145,722	146,400	145,914	146,208
121 122	146,438 146,814	146,097 146,471	146,778 147,157	146,290 146,666	146,585 146,963
123	147,191	146,846	147,535	147,042	147,340
124	147,567	147,221	147,914	147,418	147,717
125	147,944	147,596	148,292	147,793	148,094
126 127	148,320 148,696	147,970 148,344	148,670 149,048	148,169 148,544	148,471 148,848
128	149,072	148,719	149,425	148,919	149,225
129	149,448	149,093	149,803	149,295	149,601
130	149,824	149,467	150,181	149,670	149,978 150,354
131	150,199 150,575	149,841 150,214	150,558 150,935	150,045 150,419	150,354 150,730
133	150,950	150,588	151,313	150,794	151,106
134	151,326	150,962	151,690	151,169	151,483
135 136	151,701 152,076	151,335 151,708	152,067 152,443	151,543 151,918	151,858 152,234
137	152,451	152,082	152,443	152,292	152,610
138	152,826	152,455	153,197	152,666	152,985
139	153,200	152,828	153,573	153,040	153,361
140	153,575 153,950	153,200 153,573	153,950 154,326	153,414 153,788	153,736 154,111
142	154,324	153,946	154,702	154,162	154,486
143	154,698	154,318	155,078	154,535	154,861
144 145	155,072	154,691	155,454	154,909	155,236
145	155,446 155,820	155,063 155,435	155,830 156,205	155,282 155,655	155,611 155,986
147	156,194	155,807	156,581	156,028	156,360
148	156,568	156,179	156,956	156,401	156,734
149 150	156,941 157,315	156,551 156,923	157,332 157,707	156,774 157,147	157,109 157,483
151	157,688	157,294	158,082	157,519	157,857
152	158,061	157,666	158,457	157,892	158,231
153	158,435	158,037	158,832	158,264	158,605
154 155	158,808 159,180	158,408 158,780	159,206 159,581	158,637 159,009	158,978 159,352
156	159,553	159,151	159,956	159,381	159,725
157	159,926	159,521	160,330	159,753	160,099
158 159	160,298	159,892	160,704	160,125	160,472
160	160,671 161,043	160,263 160,633	161,078 161,452	160,496 160,868	160,845 161,218
161	161,415	161,004	161,826	161,240	161,591
162	161,787	161,374	162,200	161,611	161,964
163 164	162,159 162,531	161,744 162,115	162,574 162,947	161,982 162,353	162,336 162,709
165	162,903	162,485	163,321	162,724	163,081
166	163,274	162,854	163,694	163,095	163,453
167 168	163,646 164,017	163,224 163,594	164,067 164,440	163,466 163,837	163,826 164,198
169	164,388	163,963	164,813	164,207	164,570
170	164,760	164,333	165,186	164,578	164,941
171 172	165,131	164,702	165,559	164,948	165,313
172	165,501 165,872	165,071 165,440	165,932 166,304	165,318 165,688	165,685 166,056
174	166,243	165,809	166,676	166,058	166,427
175	166,613	166,178	167,049	166,428	166,799
176 177	166,984 167,354	166,547 166,915	167,421 167,793	166,798 167,168	167,170 167,541
177	167,724	167,284	168,165	167,166	167,912
179	168,095	167,652	168,537	167,907	168,282
180	168,465	168,021	168,908	168,276	168,653
181 182	168,834 169,204	168,389 168,757	169,280 169,651	168,645 169,014	169,024 169,394
183	169,574	169,125	170,023	169,383	169,764
184	169,943	169,492	170,394	169,752	170,135
185 186	170,313 170,682	169,860 170,228	170,765 171,136	170,121 170,489	170,505 170,875
187	171,051	170,595	171,130	170,469	171,244
188	171,420	170,962	171,878	171,226	171,614
189	171,789	171,330	172,248	171,594	171,984
190 191	172,158 172,527	171,697 172,064	172,619 172,989	171,962 172,330	172,353 172,723
192	172,895	172,431	173,359	172,698	173,092
193	173,264	172,797	173,730	173,066	173,461
194 195	173,632	173,164 173,531	174,100	173,434	173,830
195	174,000 174,368	173,531	174,470 174,839	173,801 174,169	174,199 174,568
197	174,736	174,263	175,209	174,536	174,936
198	175,104	174,630	175,579	174,903	175,305
199	175,472	174,996	175,948	175,270	175,673

											U
Temp ºC	Resist	Clas	ss B	Clas	s A	Temp ^o C	Resist	Clas	ss B	Clas	s A
200	175,840	175,362	176,317	175,637	176,042	300	212,019	211,378	212,659	211,752	212,286
201	176,207	175,727	176,687	176,004	176,410	301	212,375	211,732	213,017	212,107	212,642
202	176,575	176,093	177,056	176,371	176,778	302	212,731	212,086	213,374	212,462	212,999
203	176,942	176,459	177,425	176,738	177,146	303	213,086	212,441	213,732	212,817	213,355
204	177,309	176,824	177,794	177,104	177,514	304	213,442	212,795	214,089	213,172	213,711
205	177,676	177,190	178,162	177,471	177,882	305	213,797	213,148	214,446	213,527	214,067
206	178,043	177,555	178,531	177,837	178,249	306	214,153	213,502	214,803	213,882	214,423
207	178,410	177,920	178,899	178,203	178,617	307	214,508	213,856	215,159	214,236	214,779
208	178,777	178,285	179,268	178,569	178,984	308	214,863	214,209	215,516	214,591	215,135
209	179,143	178,650	179,636	178,935	179,351	309	215,218	214,563	215,873	214,945	215,491
210	179,510	179,015	180,004	179,301	179,719	310	215,573	214,916	216,229	215,300	215,846
211	179,876	179,380	180,372	179,667	180,086	311	215,928	215,269	216,585	215,654	216,201
212	180,242	179,744	180,740	180,032	180,453	312	216,282	215,623	216,942	216,008	216,557
213	180,609	180,109	181,108	180,398	180,819	313	216,637	215,976	217,298	216,362	216,912
214	180,975	180,473	181,476	180,763	181,186 181,553	314	216,991	216,328	217,654	216,716	217,267 217,622
215 216	181,340 181,706	180,837 181,201	181,843 182,211	181,128 181,493	181,919	315 316	217,346 217,700	216,681 217,034	218,010	217,069 217,423	217,022
217	182,072	181,565	182,578	181,858	182,285	317	217,700	217,034	218,365 218,721	217,423	218,331
218	182,437	181,929	182,945	182,223	182,652	318	218,408	217,739	219,076	218,130	218,686
219	182,803	182,293	183,313	182,588	183,018	319	218,762	218,091	219,432	218,483	219,040
220	183,168	182,657	183,680	182,953	183,384	320	219,115	218,443	219,787	218,836	219,395
221	183,533	183,020	184,046	183,317	183,750	321	219,469	218,795	220,142	219,189	219,749
222	183,899	183,384	184,413	183,682	184,115	322	219,822	219,147	220,497	219,542	220,103
223	184,264	183,747	184,780	184,046	184,481	323	220,176	219,499	220,852	219,895	220,457
224	184,628	184,110	185,146	184,410	184,847	324	220,529	219,851	221,207	220,247	220,811
225	184,993	184,473	185,513	184,774	185,212	325	220,882	220,202	221,562	220,600	221,165
226	185,358	184,836	185,879	185,138	185,577	326	221,235	220,554	221,916	220,952	221,518
227	185,722	185,199	186,245	185,502	185,942	327	221,588	220,905	222,271	221,304	221,872
228	186,087	185,562	186,611	185,866	186,308	328	221,941	221,256	222,625	221,657	222,225
229	186,451	185,925	186,977	186,230	186,672	329	222,294	221,608	222,979	222,009	222,579
230	186,815	186,287	187,343	186,593	187,037	330	222,646	221,959	223,333	222,361	222,932
231	187,179	186,650	187,709	186,956	187,402	331	222,999	222,310	223,687	222,713	223,285
232	187,543	187,012	188,074 188,440	187,320	187,767	332	223,351	222,660	224,041	223,064	223,638
	187,907 188,271	187,374 187,736		187,683 188,046	188,131	333	223,703 224,055	223,011	224,395	223,416	223,991
234 235	188,634	188,098	188,805 189,170	188,409	188,495 188,860	334 335	224,055	223,362 223,712	224,749 225,102	223,767 224,119	224,343 224,696
236	188,998	188,460	189,536	188,772	189,224	336	224,407	224,062	225,102	224,119	225,048
237	189,361	188,822	189,901	189,134	189,588	337	225,111	224,413	225,809	224,821	225,401
238	189,724	189,183	190,265	189,497	189,952	338	225,463	224,763	226,162	225,172	225,753
239	190,088	189,545	190,630	189,859	190,316	339	225,814	225,113	226,515	225,523	226,105
240	190,451	189,906	190,995	190,222	190,679	340	226,166	225,463	226,868	225,874	226,457
241	190,813	190,267	191,359	190,584	191,043	341	226,517	225,812	227,221	226,225	226,809
242	191,176	190,628	191,724	190,946	191,406	342	226,868	226,162	227,574	226,575	227,161
243	191,539	190,989	192,088	191,308	191,769	343	227,219	226,512	227,926	226,926	227,512
244	191,901	191,350	192,452	191,670	192,133	344	227,570	226,861	228,279	227,276	227,864
245	192,264	191,711	192,816	192,032	192,496	345	227,921	227,210	228,631	227,626	228,215
246	192,626	192,072	193,180	192,394	192,859	346	228,272	227,560	228,983	227,976	228,567
247	192,988	192,432	193,544	192,755	193,222	347	228,622	227,909	229,335	228,326	228,918
248	193,350	192,793	193,908	193,117	193,584	348	228,973	228,258	229,687	228,676	229,269
249	193,712	193,153	194,271	193,478	193,947	349	229,323	228,606	230,039	229,026	229,620
250	194,074	193,513	194,635	193,839	194,309	350	229,673	228,955	230,391	229,376	229,971
251	194,436	193,873	194,998	194,200	194,672	351	230,023	229,304	230,743	229,725	230,322
252	194,798	194,233	195,361	194,561	195,034	352	230,373	229,652	231,094	230,074	230,672
253	195,159	194,593	195,725	194,922	195,396	353	230,723	230,001	231,445	230,424	231,023
254	195,520	194,953	196,088	195,283	195,758	354	231,073 231,423	230,349	231,797	230,773	231,373
255 256	195,882 196,243	195,313 195,672	196,451 196,813	195,643 196,004	196,120 196,482	355 356	231,423	230,697 231,045	232,148 232,499	231,122 231,471	231,723 232,074
257	196,604	196,032	197,176	196,364	196,844	357	232,122	231,393	232,850	231,820	232,424
258	196,965	196,391	197,538	196,725	197,205	358	232,471	231,741	233,201	232,169	232,773
259	197,326	196,750	197,901	197,085	197,567	359	232,820	232,089	233,551	232,517	233,123
260	197,686	197,109	198,263	197,445	197,928	360	233,169	232,436	233,902	232,866	233,473
261	198,047	197,468		197,805	198,289	361	233,518				233,823
262	198,407	197,827	198,987	198,164	198,650	362	233,867	233,131	234,603	233,562	234,172
263	198,768	198,186	199,349	198,524	199,011	363	234,216	233,478	234,953	233,910	234,521
264	199,128	198,544	199,711	198,884	199,372	364	234,565	233,825	235,303	234,258	234,871
265	199,488	198,903	200,073	199,243	199,733	365	234,913	234,172	235,653	234,606	235,220
266	199,848	199,261	200,435	199,603	200,094	366	235,261	234,519	236,003	234,954	235,569
267	200,208	199,619	200,796	199,962	200,454	367	235,610	234,866	236,353	235,302	235,917
268	200,568	199,978	201,157	200,321	200,814	368	235,958	235,213	236,703	235,649	236,266
269	200,927	200,336	201,519	200,680	201,175 201,535	369 370	236,306	235,559	237,052	235,997	236,615
270 271	201,287 201,646	200,694 201,051	201,880	201,039	201,535	370	236,654 237,002	235,906 236,252	237,401 237,751	236,344 236,691	236,963 237,312
271	202,006	201,051	202,241	201,398	201,895	371	237,002	236,252	237,751	236,691	237,312
273	202,000	201,409	202,963	202,115	202,233	373	237,697	236,944	238,449	237,385	238,008
274	202,724	202,124	203,323	202,473	202,974	374	238,044	237,290	238,798	237,732	238,356
275	203,083	202,481	203,684	202,832	203,334	375	238,392	237,636	239,147	238,079	238,704
276	203,442	202,839	204,044	203,190	203,693	376	238,739	237,982	239,495	238,426	239,052
277	203,800	203,196	204,405	203,548	204,053	377	239,086	238,327	239,844	238,772	239,400
278	204,159	203,553	204,765	203,906	204,412	378	239,433	238,673	240,193	239,119	239,747
279	204,517	203,910	205,125	204,264	204,771	379	239,780	239,018	240,541	239,465	240,095
280	204,876	204,266	205,485	204,621	205,130	380	240,127	239,364	240,889	239,811	240,442
281	205,234	204,623	205,845	204,979	205,489	381	240,473	239,709	241,237	240,157	240,789
282	205,592	204,980	206,204	205,336	205,848	382	240,820	240,054	241,585	240,503	241,136
283	205,950	205,336	206,564	205,694	206,206	383	241,166	240,399	241,933	240,849	241,483
284	206,308	205,692	206,923	206,051	206,565	384	241,513	240,744	242,281	241,195	241,830
285	206,666	206,049	207,283	206,408	206,923	385	241,859	241,088	242,629	241,540	242,177
286	207,024 207,381	206,405	207,642	206,765	207,282	386 387	242,205	241,433	242,976	241,886	242,524
287 288	207,381	206,761 207,117	208,001	207,122 207,479	207,640 207,998	387	242,551 242,897	241,777 242,122	243,324 243,671	242,231 242,576	242,870 243,217
288	207,739	207,117	208,360	207,479	207,998	388	242,897	242,122	243,671	242,576	243,217
290	208,453	207,472	209,078	207,636	208,714	390	243,242	242,466	244,016	242,922	243,909
291	208,433	208,183	209,437	208,549	209,072	391	243,933	243,154	244,712	243,207	244,255
292	209,167	208,539	209,795	208,905	209,429	392	244,279	243,498	245,059	243,956	244,601
293	209,524	208,894	210,154	209,261	209,787	393	244,624	243,842	245,406	244,301	244,947
294	209,881	209,249	210,512	209,618	210,144	394	244,969	244,186	245,752	244,645	245,293
295	210,237	209,604	210,870	209,974	210,501	395	245,314	244,529	246,099	244,990	245,638
296	210,594	209,959	211,228	210,329	210,858	396	245,659	244,873	246,445	245,334	245,984
297	210,950	210,314	211,586	210,685	211,215	397	246,004	245,216	246,791	245,678	246,329
298	211,307	210,669	211,944	211,041	211,572	398	246,349	245,559	247,137	246,023	246,675
299	211,663	211,023	212,302	211,396	211,929	399	246,693	245,902	247,483	246,367	247,020

Temp ºC	Resist	Clas	s B	Clas	sΔ	Temp ºC	Resist	Clas	ss B	Clas	s A
400	247,038	246,245	247,829	246,710	247,365	500		279,964	281,827	280,513	281,279
401	247,382	246,588	248,175	247,054	247,710	501		280,295	282,161	280,845	281,612
402		246,931	248,521	247,398	248,054	502		280,626	282,495	281,177	281,945
403	248,070	247,273	248,866	247,741	248,399	503		280,958	282,829	281,509	282,278
404		247,616	249,212	248,085	248,744	504		281,289	283,163	281,841	282,611
405	248,758	247,958	249,557	248,428	249,088	505		281,620	283,496	282,173	282,944
406	249,102	248,301	249,902	248,771	249,432	506		281,950	283,830	282,505	283,276
407	249,445	248,643	250,247	249,114	249,777	507		282,281	284,163	282,836	283,609
408		248,985	250,592	249,457	250,121	508		282,612	284,497	283,168	283,941
409		249,327	250,937	249,800	250,465	509		282,942	284,830	283,499	284,274
410		249,669	251,282	250,143	250,809	510		283,272	285,163	283,830	284,606
411	250,819	250,010	251,627	250,485	251,152	511	284,550	283,603	285,496	284,161	284,938
412	251,162	250,352	251,971	250,828	251,496	512	284,881	283,933	285,828	284,492	285,270
413	251,505	250,694	252,315	251,170	251,839	513	285,212	284,263	286,161	284,823	285,602
414	251,848	251,035	252,660	251,512	252,183	514	285,544	284,593	286,494	285,153	285,934
415	252,190	251,376	253,004	251,854	252,526	515	285,875	284,922	286,826	285,484	286,265
416	252,533	251,717	253,348	252,197	252,869	516	286,206	285,252	287,158	285,814	286,597
417	252,875	252,058	253,692	252,538	253,212	517		285,582	287,490	286,145	286,928
418		252,399	254,036	252,880	253,555	518		285,911	287,822	286,475	287,259
419		252,740	254,379	253,222	253,898	519		286,240	288,154	286,805	287,591
420		253,081	254,723	253,563	254,241	520		286,570	288,486	287,135	287,922
421	254,244	253,421	255,066	253,905	254,583	521		286,899	288,818	287,465	288,253
422		253,762	255,409	254,246	254,926	522		287,228	289,150	287,795	288,583
423		254,102	255,753	254,587	255,268	523		287,557	289,481	288,124	288,914
424		254,102	256,096	254,928		524			289,812		289,245
					255,610			287,885		288,454	
425	255,611	254,783	256,439	255,269	255,952	525		288,214	290,144	288,783	289,575
426		255,123	256,782	255,610	256,294	526		288,542	290,475	289,113	289,905
427	256,294	255,462	257,124	255,951	256,636	527		288,871	290,806	289,442	290,236
428		255,802	257,467	256,292	256,978	528		289,199	291,137	289,771	290,566
429		256,142	257,809	256,632	257,320	529		289,527	291,468	290,100	290,896
430		256,481	258,152	256,973	257,661	530		289,855	291,798	290,429	291,226
431	257,658	256,821	258,494	257,313	258,003	531		290,183	292,129	290,757	291,555
432		257,160	258,836	257,653	258,344	532		290,511	292,459	291,086	291,885
433		257,499	259,178	257,993	258,685	533		290,839	292,789	291,415	292,215
434	258,680	257,838	259,520	258,333	259,026	534		291,166	293,120	291,743	292,544
435		258,177	259,862	258,673	259,367	535		291,494	293,450	292,071	292,873
436		258,516	260,204	259,013	259,708	536	292,801	291,821	293,780	292,399	293,202
437	259,700	258,855	260,545	259,352	260,049	537		292,148	294,110	292,727	293,531
438	260,040	259,194	260,887	259,692	260,389	538		292,476	294,439	293,055	293,860
439	260,380	259,532	261,228	260,031	260,730	539	293,786	292,803	294,769	293,383	294,189
440	260,720	259,870	261,569	260,370	261,070	540	294,114	293,130	295,098	293,711	294,518
441	261,060	260,209	261,910	260,709	261,410	541	294,443	293,456	295,428	294,038	294,847
442	261,399	260,547	262,251	261,048	261,750	542	294,770	293,783	295,757	294,366	295,175
443	261,739	260,885	262,592	261,387	262,090	543	295,098	294,110	296,086	294,693	295,503
444	262,078	261,223	262,933	261,726	262,430	544		294,436	296,415	295,020	295,832
445	262,417	261,561	263,273	262,065	262,770	545	295,754	294,762	296,744	295,347	296,160
446		261,898	263,614	262,403	263,110	546		295,089	297,073	295,674	296,488
447	263,096	262,236	263,954	262,742	263,449	547		295,415	297,401	296,001	296,816
448		262,573	264,295	263,080	263,789	548		295,741	297,730	296,328	297,143
449		262,911	264,635	263,418	264,128	549		296,066	298,058	296,655	297,471
450		263,248	264,975	263,756	264,467	550		296,392	298,387	296,981	297,799
	264,450	263,585	265,315	264,094	264,806	551		296,718	298,715	297,308	298,126
451											
452		263,922	265,655	264,432	265,145	552		297,043	299,043	297,634	298,453
453	265,127	264,259	265,994	264,770	265,484	553		297,369	299,371	297,960	298,781
454		264,596	266,334	265,107	265,823	554		297,694	299,699	298,286	299,108
455	265,803	264,933	266,673	265,445	266,162	555		298,019	300,027	298,612	299,435
456		265,269	267,013	265,782	266,500	556		298,344	300,354	298,938	299,762
457	266,479	265,606	267,352	266,120	266,838	557		298,669	300,682	299,264	300,088
458		265,942	267,691	266,457	267,177	558		298,994	301,009	299,589	300,415
459		266,278	268,030	266,794	267,515	559		299,319	301,336	299,915	300,741
460		266,614	268,369	267,131	267,853	560		299,643	301,664	300,240	301,068
461	267,829	266,950	268,708	267,468	268,191	561		299,968	301,991	300,565	301,394
462		267,286	269,046	267,804	268,529	562		300,292	302,317	300,891	301,720
463	268,504	267,622	269,385	268,141	268,866	563		300,617	302,644	301,216	302,046
464		267,957	269,723	268,477	269,204	564		300,941	302,971	301,540	302,372
465		268,293	270,061	268,814	269,541	565		301,265	303,298	301,865	302,698
466		268,628	270,400	269,150	269,879	566		301,589	303,624	302,190	303,024
467	269,851	268,964	270,738	269,486	270,216	567		301,912	303,950	302,515	303,349
468		269,299	271,076	269,822	270,553	568		302,236	304,276	302,839	303,675
469		269,634	271,413	270,158	270,890	569		302,560	304,603	303,163	304,000
470		269,969	271,751	270,494	271,227	570		302,883	304,929	303,488	304,325
471	271,197	270,304	272,089	270,829	271,564	571		303,207	305,254	303,812	304,650
472		270,638	272,426	271,165	271,900	572		303,530	305,580	304,136	304,975
473		270,973	272,763	271,500	272,237	573		303,853	305,906	304,459	305,300
474		271,307	273,101	271,836	272,573	574		304,176	306,231	304,783	305,625
475		271,642	273,438	272,171	272,909	575		304,499	306,557	305,107	305,949
476	272,876	271,976	273,775	272,506	273,246	576	305,852	304,822	306,882	305,430	306,274
477	273,211	272,310	274,112	272,841	273,582	577		305,144	307,207	305,754	306,598
478		272,644	274,448	273,176	273,918	578	306,500	305,467	307,532	306,077	306,923
479		272,978	274,785	273,510	274,253	579		305,789	307,857	306,400	307,247
480		273,312	275,122	273,845	274,589	580		306,111	308,182	306,723	307,571
481	274,552	273,646	275,458	274,180	274,925	581		306,434	308,507	307,046	307,895
482		273,979	275,794	274,514	275,260	582		306,756	308,831	307,369	308,219
483		274,313	276,130	274,848	275,595	583		307,078	309,156	307,692	308,542
484		274,646	276,466	275,182	275,931	584		307,400	309,480	308,014	308,866
485		274,979	276,802	275,516	276,266	585		307,721	309,804	308,337	309,189
486		275,312	277,138	275,850	276,601	586		308,043	310,128	308,659	309,513
487	276,560	275,645	277,136	276,184	276,936	587		308,364	310,128	308,982	309,836
488		275,978	277,809	276,184	277,270	588		308,686	310,452	309,304	310,159
489		276,311	277,809	276,851	277,605	589			311,100	309,626	310,159
489		276,644		276,851	277,605	590		309,007		309,626	310,482
			278,480					309,328	311,423		
491	277,896	276,976	278,816	277,518	278,274	591		309,649	311,747	310,269	311,128
492		277,309 277,641	279,151 279,486	277,852 278,185	278,608	592		309,970	312,070 312,394	310,591	311,450 311,773
493					278,943	593		310,291		310,913	
494	278,897	277,973	279,821	278,518	279,277	594		310,612	312,717	311,234	312,095
495		278,305	280,155	278,851	279,611	595		310,932	313,040	311,555	312,418
496		278,637	280,490	279,183	279,944	596		311,253	313,363	311,877	312,740
497	279,897	278,969	280,824	279,516	280,278	597		311,573	313,686	312,198	313,062
498		279,301	281,159	279,848	280,612	598		311,893	314,008	312,519	313,384
499	280,563	279,632	281,493	280,181	280,945	599	313,273	312,213	314,331	312,840	313,706

Temp ºC	Resist	Clas	s B	Clas	s A	Temp ^o C	Resist	Clas	ss B	Clas	s A
600	313,594	312,533	314,653	313,160	314,027	700	345,132	343,954	346,307	344,652	345,611
601	313,915	312,853	314,976	313,481	314,349	701	345,441	344,263	346,618	344,961	345,921
602	314,236	313,173	315,298	313,801	314,671	702	345,751	344,571	346,928	345,270	346,231
603	314,557	313,493	315,620	314,122	314,992	703 704	346,060	344,879	347,239	345,579	346,541
605	314,878 315,198	313,812 314,132	315,942 316,264	314,442 314,762	315,313 315,634	704	346,369 346,678	345,187 345,495	347,549 347,859	345,887 346,196	346,850 347,160
606	315,519	314,451	316,586	315,082	315,955	705	346,987	345,803	348,169	346,504	347,160
607	315,839	314,770	316,907	315,402	316,276	707	347,296	346,111	348,479	346,813	347,779
608	316,160	315,089	317,229	315,722	316,597	708	347,604	346,418	348,789	347,121	348,088
609	316,480	315,408	317,550	316,042	316,918	709	347,913	346,726	349,099	347,429	348,397
610	316,800	315,727	317,871	316,361	317,238	710	348,222	347,033	349,408	347,737	348,706
611	317,120	316,046	318,193	316,681	317,559	711	348,530	347,341	349,718	348,045	349,014
612	317,440	316,365	318,514	317,000	317,879	712	348,838	347,648	350,027	348,353	349,323
613	317,760	316,683	318,835	317,320	318,199	713	349,146	347,955	350,336	348,661	349,632
614	318,079	317,002	319,155	317,639	318,519	714	349,454	348,262	350,645	348,968	349,940
615 616	318,399 318,718	317,320	319,476 319,797	317,958 318,277	318,839 319,159	715 716	349,762 350,070	348,568 348,875	350,954 351,263	349,276 349,583	350,248 350,557
617	319,037	317,638 317,956	320,117	318,595	319,479	717	350,070	349,182	351,572	349,890	350,865
618	319,356	318,274	320,437	318,914	319,799	718	350,685	349,488	351,880	350,197	351,173
619	319,675	318,592	320,758	319,233	320,118	719	350,993	349,794	352,189	350,504	351,481
620	319,994	318,910	321,078	319,551	320,437	720	351,300	350,101	352,497	350,811	351,788
621	320,313	319,227	321,398	319,869	320,757	721	351,607	350,407	352,806	351,118	352,096
622	320,632	319,545	321,718	320,188	321,076	722	351,914	350,713	353,114	351,425	352,403
623	320,950	319,862	322,037	320,506	321,395	723	352,221	351,019	353,422	351,731	352,711
624	321,269	320,179	322,357	320,824	321,714	724	352,528	351,324	353,730	352,038	353,018
625	321,587	320,496	322,677	321,141	322,033	725	352,835	351,630	354,037	352,344	353,325
626	321,905	320,813	322,996	321,459	322,351	726	353,141	351,936	354,345	352,650	353,632
627	322,224	321,130	323,315	321,777	322,670	727	353,448	352,241	354,653	352,956	353,939
628	322,541	321,447	323,634 323,954	322,094	322,988 323,307	728	353,754	352,546	354,960	353,262	354,246 354,553
629 630	322,859 323,177	321,764 322,080	323,954	322,412 322,729	323,307	729 730	354,060 354,367	352,852 353,157	355,268 355,575	353,568 353,874	354,553
631	323,177	322,000	324,272	323,046	323,943	730	354,367	353,462	355,882	354,179	355,166
632	323,812	322,713	324,910	323,363	324,261	731	354,979	353,766	356,189	354,485	355,472
633	324,130	323,029	325,229	323,680	324,579	733	355,284	354,071	356,496	354,790	355,778
634	324,447	323,345	325,547	323,997	324,897	734	355,590	354,376	356,802	355,095	356,084
635	324,764	323,661	325,865	324,314	325,214	735	355,896	354,680	357,109	355,401	356,390
636	325,081	323,977	326,184	324,630	325,532	736	356,201	354,985	357,416	355,706	356,696
637	325,398	324,293	326,502	324,947	325,849	737	356,506	355,289	357,722	356,010	357,002
638	325,715	324,609	326,820	325,263	326,167	738	356,812	355,593	358,028	356,315	357,308
639	326,032	324,924	327,138	325,579	326,484	739	357,117	355,897	358,334	356,620	357,613
640	326,348	325,240	327,455	325,896	326,801	740	357,422	356,201	358,641	356,925	357,919
641	326,665 326,981	325,555 325,870	327,773 328,091	326,212 326,527	327,118 327,435	741 742	357,727 358,031	356,505 356,809	358,946 359,252	357,229 357,533	358,224 358,529
643	327,297	326,185	328,408	326,843	327,751	743	358,336	357,112	359,558	357,838	358,834
644	327,614	326,500	328,725	327,159	328,068	744	358,641	357,416	359,864	358,142	359,139
645	327,930	326,815	329,043	327,474	328,384	745	358,945	357,719	360,169	358,446	359,444
646	328,245	327,130	329,360	327,790	328,701	746	359,249	358,022	360,474	358,750	359,749
647	328,561	327,444	329,677	328,105	329,017	747	359,553	358,325	360,780	359,053	360,053
648	328,877	327,759	329,993	328,420	329,333	748	359,857	358,628	361,085	359,357	360,358
649	329,192	328,073	330,310	328,735	329,649	749	360,161	358,931	361,390	359,660	360,662
650	329,508	328,388	330,627	329,050	329,965	750	360,465	359,234	361,695	359,964	360,966
651	329,823	328,702	330,943	329,365	330,281	751	360,769	359,537	361,999	360,267	361,270
652	330,138 330,453	329,016	331,260	329,680	330,596	752	361,073	359,839 360,142	362,304	360,570	361,574
653 654	330,453	329,330 329,643	331,576 331,892	329,995 330,309	330,912 331,227	753 754	361,376 361,679	360,142	362,609 362,913	360,873 361,176	361,878 362,182
655	331,083	329,957	332,208	330,624	331,543	755	361,983	360,746	363,217	361,176	362,162
656	331,398	330,271	332,524	330,938	331,858	756	362,286	361,048	363,521	361,782	362,789
657	331,713	330,584	332,840	331,252	332,173	757	362,589	361,350	363,825	362,085	363,093
658	332,027	330,898	333,155	331,566	332,488	758	362,892	361,652	364,129	362,387	363,396
659	332,342	331,211	333,471	331,880	332,803	759	363,194	361,954	364,433	362,689	363,699
660	332,656	331,524	333,786	332,194	333,118	760	363,497	362,255	364,737	362,992	364,002
661	332,970	331,837	334,102	332,507	333,432	761	363,800	362,557	365,040	363,294	364,305
662	333,284	332,150	334,417	332,821	333,747	762	364,102	362,858	365,344	363,596	364,608
663	333,598	332,463 332,775	334,732 335,047	333,135 333,448	334,061	763 764	364,404 364,707	363,160	365,647	363,898 364,200	364,911
664	333,912 334,225	333,088	335,362	333,761	334,375 334,689	765	365,009	363,461 363,762	365,951 366,254	364,501	365,214 365,516
666	334,539	333,400	335,676	334,074	335,004	766	365,311	364,063	366,557	364,803	365,818
667	334,852	333,712	335,991	334,387	335,317	767	365,613	364,364	366,860	365,104	366,121
668	335,166	334,025	336,305	334,700	335,631	768	365,914	364,664	367,162	365,406	366,423
669	335,479	334,337	336,620	335,013	335,945	769	366,216	364,965	367,465	365,707	366,725
670	335,792	334,649	336,934	335,326	336,258	770	366,517	365,265	367,768	366,008	367,027
671	336,105	334,961	337,248	335,638	336,572	771	366,819	365,566	368,070	366,309	367,329
672	336,418	335,272	337,562	335,951	336,885	772	367,120	365,866	368,372	366,610	367,630
673 674	336,731 337,043	335,584 335,895	337,876 338,190	336,263 336,575	337,198 337,512	773 774	367,421 367,722	366,166 366,466	368,674 368,976	366,910 367,211	367,932 368,233
675	337,043	336,207	338,504	336,887	337,825	774	368,023	366,766	369,278	367,512	368,535
676	337,668	336,518	338,817	337,199	338,137	776	368,324	367,066	369,580	367,812	368,836
677	337,981	336,829	339,131	337,511	338,450	777	368,625	367,366	369,882	368,112	369,137
678	338,293	337,140	339,444	337,823	338,763	778	368,925	367,665	370,184	368,413	369,438
679	338,605	337,451	339,757	338,134	339,075	779	369,226	367,965	370,485	368,713	369,739
680	338,917	337,762	340,070	338,446	339,388	780	369,526	368,264	370,786	369,013	370,040
681	339,229	338,073	340,383	338,757	339,700	781	369,826	368,563	371,088	369,312	370,340
682	339,540	338,383	340,696	339,068	340,012	782	370,127	368,862	371,389	369,612	370,641
683	339,852	338,694	341,009	339,380	340,324	783	370,427	369,161	371,690	369,912	370,941
684 685	340,164 340,475	339,004 339,314	341,321 341,634	339,691 340,002	340,636 340,948	784 785	370,726 371,026	369,460 369,759	371,991 372,291	370,211 370,511	371,241 371,542
686	340,475	339,314	341,634	340,002	340,948	785	371,026	369,759	372,291	370,511	371,542
687	341,097	339,935	342,258	340,623	341,571	787	371,625	370,056	372,392	370,810	371,042
688	341,408	340,245	342,571	340,934	341,883	788	371,925	370,654	372,033	371,103	372,142
689	341,719	340,554	342,883	341,244	342,194	789	372,224	370,953	373,493	371,707	372,741
690	342,030	340,864	343,194	341,554	342,505	790	372,523	371,251	373,794	372,006	373,041
691	342,341	341,174	343,506	341,865	342,816	791	372,822	371,549	374,094	372,304	373,340
692	342,651	341,483	343,818	342,175	343,127	792	373,121	371,847	374,394	372,603	373,639
693	342,962	341,792	344,130	342,485	343,438	793	373,420	372,145	374,693	372,901	373,939
694	343,272	342,102	344,441	342,795	343,749	794	373,719	372,443	374,993	373,200	374,238
695	343,582	342,411 342,720	344,752	343,105 343,414	344,060 344,370	795 796	374,017 374,316	372,740 373,038	375,293 375,592	373,498 373,796	374,537 374,836
696 697	343,892 344,202	342,720	345,063 345,375	343,414	344,370	796	374,316	373,038	375,592	373,796	374,836
698	344,512	343,337	345,686	344,033	344,991	798	374,014	373,632	376,191	374,094	375,134
699	344,822	343,646	345,996	344,342	345,301	799	375,211	373,929	376,490	374,690	375,732

Heraeus Sensor Technology Ltda.

Heraeus

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Temp ^o C	Resist	Clas	ss B	Clas	ss A					
800	375,509	374,226	376,789	374,987	376,030					
801	375,807	374,523	377,088	375,285	376,328					
802	376,105	374,820	377,387	375,582	376,627					
803	376,402	375,117	377,685	375,879	376,925					
804	376,700	375,413	377,984	376,177	377,223					
805	376,997	375,710	378,282	376,474	377,520					
806	377,295	376,006	378,581	376,771	377,818					
807	377,592	376,302	378,879	377,067	378,116					
808	377,889	376,599	379,177	377,364	378,413					
809	378,186	376,895	379,475	377,661	378,711					
810	378,483	377,190	379,773	377,957	379,008					
811	378,779	377,486	380,070	378,254	379,305					
812	379,076	377,782	380,368	378,550	379,602					
813	379,373	378,077	380,666	378,846	379,899					
814	379,669	378,373	380,963	379,142	380,196					
815	379,965	378,668	381,260	379,438	380,492					
816	380,261	378,963	381,557	379,734	380,789					
817	380,558	379,258	381,854	380,029	381,085					
818	380,853	379,553	382,151	380,325	381,382					
819	381,149	379,848	382,448	380,620	381,678					
820	381,445	380,143	382,745	380,916	381,974					
821	381,741	380,438	383,041	381,211	382,270					
822	382,036	380,732	383,338	381,506	382,566					
823	382,331	381,027	383,634	381,801	382,862					
824	382,627	381,321	383,930	382,096	383,157					
825	382,922	381,615	384,226	382,390	383,453					
826	383,217	381,909	384,522	382,685	383,748					
827	383,512	382,203	384,818	382,980	384,043					
828	383,806	382,497	385,114	383,274	384,339					
829	384,101	382,790	385,410	383,568	384,634					
830	384,396	383,084	385,705	383,862	384,929					
831	384,690	383,378	386,000	384,157	385,223					
832	384,984	383,671	386,296	384,450	385,518					
833	385,279	383,964	386,591	384,744	385,813					
834	385,573	384,257	386,886	385,038	386,107					
835	385,867	384,550	387,181	385,332	386,401					
836	386,161	384,843	387,476	385,625	386,696					
837	386,454	385,136	387,770	385,918	386,990					
838	386,748	385,429	388,065	386,212	387,284					
839	387,041	385,721	388,359	386,505	387,578					
840	387,335	386,014		386,798	387,871					
			388,654							
841	387,628	386,306	388,948	387,091	388,165					
842	387,921	386,598	389,242	387,383	388,459					
843 844	388,214	386,890	389,536	387,676	388,752					
-	388,507	387,182	389,830	387,969	389,045					
845	388,800	387,474	390,123	388,261	389,338					
846	389,093	387,766	390,417	388,553	389,631					
847	389,385	388,057	390,711	388,846	389,924					
848	389,678	388,349	391,004	389,138	390,217					
849	389,970	388,640	391,297	389,430	390,510					
850	390,262	388,932	391,590	389,722	390,803					