

# PLATINUM RESISTANCE BULB

Platinum RTD Temperature / Resistance Data based on JIS C 1609-1981

℃	JPt100(Ω)	℃	JPt100(Ω)	℃	JPt100(Ω)	℃	JPt100(Ω)	℃	JPt100(Ω)
-200	17.1362	-160	34.4186	-120	51.2854	-80	67.7729	-40	83.9944
-199	17.5667	-159	34.8463	-119	51.7015	-79	68.1814	-39	84.3970
-198	17.9978	-158	35.2735	-118	52.1174	-78	68.5897	-38	84.7995
-197	18.4295	-157	35.7005	-117	52.5331	-77	68.9978	-37	85.2019
-196	18.8616	-156	36.1271	-116	52.9486	-76	69.4058	-36	85.6041
-195	19.2943	-155	36.5534	-115	53.3638	-75	69.8137	-35	86.0062
-194	19.7273	-154	36.9794	-114	53.7789	-74	70.2214	-34	86.4082
-193	20.1606	-153	37.4050	-113	54.1937	-73	70.6289	-33	86.8100
-192	20.5942	-152	37.8304	-112	54.6083	-72	71.0363	-32	87.2117
-191	21.0280	-151	38.2554	-111	55.0226	-71	71.4435	-31	87.6133
-190	21.4619	-150	38.6800	-110	55.4368	-70	71.8506	-30	88.0148
-189	21.8959	-149	39.1044	-109	55.8508	-69	72.2575	-29	88.4161
-188	22.3301	-148	39.5285	-108	56.2645	-68	72.6642	-28	88.8173
-187	22.7642	-147	39.9522	-107	56.6781	-67	73.0708	-27	89.2184
-186	23.1984	-146	40.3756	-106	57.0914	-66	73.4773	-26	89.6193
-185	23.6325	-145	40.7988	-105	57.5046	-65	73.8836	-25	90.0201
-184	24.0666	-144	41.2216	-104	57.9175	-64	74.2897	-24	90.4208
-183	24.5005	-143	41.6441	-103	58.3303	-63	74.6957	-23	90.8214
-182	24.9344	-142	42.0663	-102	58.7428	-62	75.1016	-22	91.2218
-181	25.3681	-141	42.4882	-101	59.1522	-61	75.5073	-21	91.6221
-180	25.8016	-140	42.9090	-100	59.5673	-60	75.9129	-20	92.0223
-179	26.2350	-139	43.3312	-99	59.9793	-59	76.3183	-19	92.4224
-178	26.6682	-138	43.7522	-98	60.3911	-58	76.7236	-18	92.8223
-177	27.1011	-137	44.1730	-97	60.8027	-57	77.1287	-17	93.2221
-176	27.5339	-136	44.5935	-96	61.2141	-56	77.5337	-16	93.6218
-175	27.9663	-135	45.0137	-95	61.6254	-55	77.9385	-15	94.0213
-174	28.3986	-134	45.4336	-94	62.0364	-54	78.3432	-14	94.4208
-173	28.8305	-133	45.8533	-93	62.4473	-53	78.7478	-13	94.8201
-172	29.2622	-132	46.2727	-92	62.8580	-52	79.1522	-12	95.2193
-171	29.6936	-131	46.6918	-91	63.2685	-51	79.5564	-11	95.6183
-170	30.1247	-130	47.1106	-90	63.6789	-50	79.9606	-10	96.0173
-169	30.5555	-129	47.5292	-89	64.0890	-49	80.3646	-9	96.4161
-168	30.9860	-128	47.9476	-88	64.4990	-48	80.7684	-8	96.8148
-167	31.4162	-127	48.3657	-87	64.9088	-47	81.1721	-7	97.2134
-166	31.8461	-126	48.7835	-86	65.3185	-46	81.5757	-6	97.6118
-165	32.2757	-125	49.2011	-85	65.7280	-45	81.9792	-5	98.0101
-164	32.7049	-124	49.6184	-84	66.1373	-44	82.3825	-4	98.4084
-163	33.1338	-123	50.0355	-83	66.5464	-43	82.7857	-3	98.8064
-162	33.5624	-122	50.4524	-82	66.9554	-42	83.1887	-2	99.2044
-161	33.9907	-121	50.8690	-81	67.3642	-41	83.5916	-1	99.6022

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0	100.0000	40	115.8091	80	131.4243	120	146.8480	160	162.0823
1	100.3976	41	116.2018	81	131.8122	121	147.2312	161	162.4067
2	100.7951	42	116.5944	82	132.2000	122	147.6142	162	162.8390
3	101.1924	43	116.9869	83	132.5877	123	147.9971	163	163.2172
4	101.5897	44	117.3793	84	132.9752	124	148.3799	164	163.5953
5	101.9868	45	117.7715	85	133.3627	125	148.7626	165	163.9733
6	102.3838	46	118.1637	86	133.7500	126	149.1452	166	164.3511
7	102.7807	47	118.5557	87	134.1372	127	149.5276	167	164.7289
8	103.1744	48	118.9475	88	134.5243	128	149.9100	168	165.1065
9	103.5741	49	119.3393	89	134.9112	129	150.2922	169	165.4840
10	103.9706	50	119.7310	90	135.2981	130	150.6743	170	165.8614
11	104.3670	51	120.1255	91	135.6848	131	151.0563	171	166.2387
12	105.7632	52	120.5139	92	136.0714	132	151.4381	172	166.6158
13	105.1594	53	120.9052	93	136.4579	133	151.8199	173	166.9928
14	105.5554	54	121.2963	94	136.8443	134	152.2015	174	167.3698
15	105.9513	55	121.6874	95	137.2305	135	152.5830	175	167.7466
16	106.3471	56	122.0783	96	137.6166	136	152.9644	176	168.1232
17	106.7427	57	122.4691	97	138.0026	137	153.3456	177	168.4998
18	107.1382	58	122.8598	98	138.3885	138	153.7268	178	168.8763
19	107.5336	59	123.2503	99	138.7743	139	154.1078	179	169.2526
20	107.9289	60	123.6408	100	139.1600	140	154.4887	180	169.6288
21	108.3241	61	124.0311	101	139.5455	141	154.8695	181	170.0049
22	108.7191	62	124.4213	102	139.9309	142	155.2502	182	170.3809
23	109.1141	63	124.8113	103	140.3162	143	155.6308	183	170.7567
24	109.5089	64	125.2013	104	140.7014	144	156.0112	184	171.1325
25	109.9035	65	125.5911	105	141.0864	145	156.3915	185	171.5081
26	110.2981	66	125.9809	106	141.4714	146	156.7717	186	171.8836
27	110.6925	67	126.3705	107	141.8562	147	157.1518	187	172.2590
28	111.0868	68	126.7599	108	142.2409	148	157.5318	188	172.6343
29	111.4810	69	127.1493	109	142.6255	149	157.9116	189	173.0094
30	111.8751	70	127.5385	110	143.0099	150	158.2914	190	173.3845
31	112.2690	71	127.9276	111	143.3943	151	158.6710	191	173.7594
32	112.6629	72	128.3166	112	143.7785	152	159.0505	192	174.1342
33	113.0566	73	128.7055	113	144.1626	153	159.4299	193	174.5089
34	113.4501	74	129.0943	114	144.5466	154	159.8091	194	174.8835
35	113.8436	75	129.4829	115	144.9305	155	160.1883	195	175.2579
36	114.2369	76	129.8714	116	145.3142	156	160.5673	196	175.6323
37	114.6302	77	130.2598	117	145.6978	157	160.9462	197	176.0065
38	115.0233	78	130.6481	118	146.0813	158	161.3250	198	176.3806
39	115.4162	79	131.0362	119	146.4647	159	161.7037	199	176.7546

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200	177.1285	240	191.9877	280	206.6604	320	221.1469	360	235.4470
201	177.5022	241	192.3567	281	207.0249	321	221.5067	361	235.8021
202	177.8579	242	192.7257	282	207.3892	322	221.8664	362	236.1571
203	178.2494	243	193.0946	283	207.7534	323	222.2259	363	236.5119
204	178.6228	244	193.4633	284	208.1175	324	222.5853	364	236.8667
205	178.9961	245	193.8319	285	208.4814	325	222.9446	365	237.2213
206	179.3692	246	194.2004	286	208.8453	326	223.3038	366	237.5759
207	179.7423	247	194.5688	287	209.2090	327	223.6629	367	237.9303
208	180.1152	248	194.9371	288	209.5726	328	224.0219	368	238.2845
209	180.4881	249	195.3053	289	209.9361	329	224.3807	369	238.6387
210	180.8608	250	195.6733	290	210.2995	330	224.7394	370	238.9928
211	181.2334	251	196.0412	291	210.6628	331	225.0980	371	239.3367
212	181.6058	252	196.4090	292	211.0259	332	225.4565	372	239.7005
213	181.9782	253	196.7767	293	211.3890	333	225.8149	373	240.0542
214	182.3504	254	197.1443	294	211.7519	334	226.1732	374	240.4078
215	182.7225	255	197.5188	295	212.1147	335	226.5313	375	240.7613
216	183.0945	256	197.8791	296	212.4774	336	226.8893	376	241.1147
217	183.4664	257	198.2463	297	212.8399	337	227.2472	377	241.4679
218	183.8382	258	198.6135	298	213.2024	338	227.6050	378	241.8210
219	184.2099	259	198.9804	299	213.5647	339	227.9627	379	242.1740
220	184.5814	260	199.3473	300	213.9270	340	228.3203	380	242.5269
221	184.9528	261	199.7141	301	214.2891	341	228.6777	381	242.8797
222	185.3241	262	200.0807	302	214.6511	342	229.0350	382	243.2323
223	185.6953	263	200.4473	303	215.0129	343	229.3923	383	243.5848
224	186.0664	264	200.8137	304	215.3747	344	229.7494	384	243.9373
225	186.4373	265	201.1800	305	215.7363	345	230.1063	385	244.2896
226	186.8082	266	201.5461	306	216.0978	346	230.4632	386	244.6417
227	187.1789	267	201.9122	307	216.4592	347	230.8199	387	244.9938
228	187.5495	268	202.2781	308	216.8205	348	231.1766	388	245.3457
229	187.9200	269	202.6440	309	217.1827	349	231.5331	389	245.6976
230	188.2904	270	203.0097	310	217.5428	350	231.8895	390	246.0493
231	188.6606	271	203.3753	311	217.9307	351	232.2457	391	246.4009
232	189.0307	272	203.7408	312	218.2645	352	232.6019	392	246.7524
233	189.4008	273	204.1061	313	218.6252	353	232.9579	393	247.1037
234	189.7707	274	204.4714	314	218.9858	354	233.3139	394	247.4550
235	190.1405	275	204.8365	315	219.3463	355	233.6697	395	247.8061
236	190.5101	276	205.2015	316	219.7067	356	234.0254	396	248.1571
237	190.8797	277	205.5664	317	220.0669	357	234.3809	397	248.5080
238	191.2491	278	205.9312	318	220.4270	358	234.7364	398	248.8588
239	191.6185	279	206.2959	319	220.7870	359	235.0917	399	249.2094

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400	249.5600	441	263.8307	482	277.9027	523	291.7743	564	305.4436
401	249.9104	442	264.1763	483	278.2434	524	292.1101	565	305.7744
402	250.2607	443	264.5218	484	278.5840	525	292.4458	566	306.1051
403	250.6109	444	264.8671	485	278.9245	526	292.7814	567	306.4357
404	250.9609	445	265.2124	486	279.2649	527	293.1168	568	306.7662
405	251.3109	446	265.5575	487	279.6051	528	293.4522	569	307.0966
406	251.6607	447	265.9025	488	279.9453	529	293.7874	570	307.4268
407	252.0104	448	266.2474	489	280.2853	530	294.1225	571	307.7570
408	252.3600	449	266.5921	490	280.6252	531	294.4574	572	308.0870
409	252.7095	450	266.9368	491	280.9649	532	294.7923	573	308.4168
410	253.0589	451	267.2813	492	281.3046	533	295.1270	574	308.7466
411	253.4081	452	267.6257	493	281.6441	534	295.4616	575	309.0762
412	253.7573	453	267.9700	494	281.9835	535	295.7961	576	309.4057
413	254.1063	454	268.3142	495	282.3228	536	296.1305	577	309.7351
414	254.4552	455	268.6582	496	282.6620	537	296.4647	578	310.0644
415	254.8109	456	269.0022	497	283.0010	538	296.7988	579	310.3935
416	255.0607	457	269.3460	498	283.3400	539	297.1328	580	310.7226
417	255.3104	458	269.6897	499	283.6788	540	297.4667	581	311.0515
418	255.8600	459	270.0332	500	284.0175	541	297.8005	582	311.3802
419	256.2095	460	270.3767	501	284.3560	542	298.1341	583	311.7089
420	256.5461	461	270.7200	502	284.6945	543	298.4676	584	312.0374
421	256.8941	462	271.0633	503	285.0328	544	298.8010	585	312.3658
422	257.2421	463	271.4064	504	285.3710	545	299.1343	586	312.6941
423	257.5899	464	271.7493	505	285.7091	546	299.4675	587	313.0223
424	257.9376	465	272.0922	506	286.0471	547	299.8005	588	313.3503
425	258.2852	466	272.4350	507	286.3850	548	300.1334	589	313.6783
426	258.6327	467	272.7776	508	286.7227	549	300.4662	590	314.0061
427	258.9801	468	273.1201	509	287.0603	550	300.7989	591	314.3337
428	259.3273	469	273.4625	510	287.3978	551	301.1314	592	314.6613
429	259.6744	470	273.8048	511	287.7352	552	301.4639	593	314.9887
430	260.0214	471	274.1469	512	288.0724	553	301.7962	594	315.3160
431	260.3683	472	274.4889	513	288.4096	554	302.1284	595	315.6432
432	260.7151	473	274.8309	514	288.7466	555	302.4604	596	315.9703
433	261.0618	474	275.1726	515	289.0835	556	302.7924	597	316.2972
434	261.4083	475	275.5143	516	289.4202	557	303.1242	598	316.6240
435	261.7547	476	275.8559	517	289.7569	558	303.4559	599	316.9507
436	262.1010	477	276.1973	518	290.0934	559	303.7875	600	317.2773
437	262.4472	478	276.5386	519	290.4298	560	304.1189		
438	262.7932	479	276.8798	520	290.7661	561	304.4503		
439	263.1392	480	277.2209	521	291.1023	562	304.7815		
440	263.4850	481	277.5619	522	291.4384	563	305.1126		