

130级聚酯漆包圆铜线

POLYESTER ENAMELLED ROUND COPPER WIRE, CLASS 130

漆包圆铜线数据表 ENAMELLED ROUND COPPER WIRE DATA TABLE

导体直径 Dia. Of conductor mm		漆包线最大外径 Max. overall Dia. mm		20℃时的电阻 Resistance at 20℃ Ω/m		最小伸长率 Min. Elongation %	击穿电压(室温) Breakdown Voltage (at room temp.) V		漆包线近似重量 Approx. wt. of enamelled wire kg/km	
标称 Nom.	偏差 Tol.(±)	1级 Grade 1	2级 Grade 2	最小 Min.	最大 Max.		1级 Grade 1	2级 Grade 2	1级 Grade 1	2级 Grade 2
0.040	-	0.049	0.054	12.28	14.92	9	250	475	0.0126	0.0134
0.045	-	0.055	0.061	9.705	11.79	9	275	550	0.0149	0.0154
0.050	-	0.060	0.066	7.922	9.489	10	300	600	0.0176	0.0183
0.056	-	0.067	0.074	6.316	7.565	10	325	650	0.0234	0.0240
(0.060)	-	0.072	0.079	5.501	6.950	12	375	700	0.0280	0.0290
0.063	-	0.076	0.083	5.045	5.922	12	375	700	0.0290	0.0310
(0.070)	-	0.083	0.090	4.064	4.819	13	425	700	0.0380	0.0390
0.071	0.003	0.084	0.091	3.941	4.747	13	425	700	0.0395	0.0399
0.080	0.003	0.094	0.101	3.133	3.703	14	425	850	0.0490	0.0500
0.090	0.003	0.105	0.113	2.495	2.900	15	500	900	0.0620	0.0630
0.100	0.003	0.117	0.125	2.034	2.333	16	500	950	0.0750	0.0760
(0.110)	0.003	0.128	0.137	1.690	1.917	17	1300	2700	0.0910	0.0920
0.112	0.003	0.130	0.139	1.632	1.848	17	1300	2700	0.0924	0.0934
(0.120)	0.003	0.139	0.149	1.426	1.604	17	1500	2800	0.1073	0.1083
0.125	0.003	0.144	0.154	1.317	1.475	17	1500	2800	0.1145	0.1155
(0.130)	0.003	0.150	0.161	1.220	1.361	18	1600	3000	0.1253	0.1263
0.140	0.003	0.160	0.171	1.055	1.170	18	1600	3000	0.1450	0.1460
(0.150)	0.003	0.171	0.182	0.9220	1.016	19	1700	3200	0.1660	0.1670
0.160	0.003	0.182	0.194	0.8122	0.8906	19	1700	3200	0.1880	0.1890
(0.170)	0.003	0.194	0.205	0.7210	0.7871	20	1700	3300	0.2120	0.2130
0.180	0.003	0.204	0.217	0.6444	0.7007	20	1700	3300	0.2370	0.2380
(0.190)	0.003	0.216	0.228	0.5794	0.6278	21	1800	3500	0.2630	0.2640
0.200	0.003	0.226	0.239	0.5237	0.5657	21	1800	3500	0.2900	0.2920
(0.210)	0.003	0.238	0.252	0.4757	0.5123	21	1900	3700	0.3200	0.3220
0.224	0.003	0.252	0.266	0.4188	0.4495	21	1900	3700	0.3530	0.3550
(0.230)	0.003	0.261	0.277	0.3975	0.4260	22	2100	3900	0.3830	0.3850

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0.250	0.004	0.281	0.297	0.3345	0.3628	22	2100	3900	0.4520	0.4540
0.280	0.004	0.312	0.329	0.2676	0.2882	22	2200	4000	0.5560	0.5590
(0.310)	0.004	0.344	0.362	0.2189	0.2344	23	2200	4100	0.6900	0.6930
0.315	0.004	0.349	0.367	0.2121	0.2270	23	2200	4100	0.7180	0.7210
(0.330)	0.004	0.367	0.386	0.1934	0.2066	23	2300	4300	0.7800	0.7840
(0.350)	0.004	0.387	0.406	0.1722	0.1834	23	2300	4300	0.8760	0.8840
0.355	0.004	0.392	0.411	0.1674	0.1782	23	2300	4300	0.9100	0.9200
(0.380)	0.005	0.419	0.439	0.1464	0.1553	24	2300	4400	1.0300	1.0400
0.400	0.005	0.439	0.459	0.1316	0.1407	24	2300	4400	1.1650	1.1750
(0.420)	0.005	0.461	0.483	0.1195	0.1275	25	2300	4400	1.2900	1.3100
0.450	0.005	0.491	0.513	0.1042	0.1109	25	2300	4400	1.1450	1.4450
(0.470)	0.005	0.514	0.536	0.09565	0.1015	25	2400	4600	1.5700	1.6000
0.500	0.005	0.544	0.566	0.08462	0.08959	25	2400	4600	1.8340	1.8650
(0.530)	0.005	0.576	0.600	0.7539	0.07950	26	2500	4600	2.0100	2.0400
0.560	0.006	0.606	0.630	0.6736	0.07153	26	2500	4600	2.2690	2.3000
(0.600)	0.006	0.649	0.674	0.05876	0.06222	27	2600	4800	2.5810	2.5890
0.630	0.006	0.679	0.704	0.05335	0.05638	27	2600	4800	2.8130	2.8420
(0.670)	0.007	0.722	0.749	0.04722	0.04979	28	2600	4800	3.1190	3.2190
0.710	0.007	0.762	0.789	0.04198	0.04442	28	2600	4800	3.5750	3.6160
(0.750)	0.008	0.805	0.834	0.03756	0.03987	28	2600	4900	3.9980	4.1140
0.800	0.008	0.855	0.884	0.03305	0.03500	28	2600	4900	4.5690	4.6100
(0.850)	0.009	0.909	0.939	0.02925	0.03104	29	2700	5000	5.1850	5.2350
0.900	0.009	0.959	0.989	0.02612	0.02765	29	2700	5000	5.8650	5.9360
(0.950)	0.010	1.012	1.044	0.02342	0.02484	30	2700	5000	6.7110	6.7640
1.000	0.010	1.062	1.094	0.02116	0.02240	30	2700	5000	7.1560	7.2400

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(1.060)	0.011	1.124	1.157	0.01937		30	2700	5000	8.2450	8.3450
1.120	0.011	1.184	1.217	0.01735		30	2700	5000	8.9100	9.0100
(1.180)	0.012	1.246	1.279	0.01563		31	2700	5000	9.7820	9.8900
1.250	0.013	1.316	1.349	0.01393		31	2700	5000	11.1000	11.2000
(1.300)	0.013	1.368	1.402	0.01289		32	2700	5000	12.00	12.10
(1.320)	0.013	1.388	1.422	0.01249		32	2700	5000	12.40	12.50
1.400	0.014	1.468	1.502	0.01110		32	2700	5000	13.90	14.00
(1.500)	0.015	1.570	1.606	0.009673		32	2700	5000	15.99	16.10
1.600	0.016	1.670	1.706	0.008502		32	2700	5000	18.04	18.12
(1.700)	0.017	1.772	1.809	0.007531		32	2700	5000	20.37	20.46
1.800	0.018	1.872	1.909	0.006718		32	2700	5000	22.81	22.91
(1.900)	0.019	1.974	2.012	0.006029		33	2700	5000	25.40	25.50
2.000	0.020	2.074	2.112	0.005411		33	2700	5000	28.20	28.31
(2.120)	0.021	2.196	2.235	0.004843		33	2700	5000	31.40	31.52
2.240	0.022	2.316	2.355	0.004338		33	2700	5000	36.00	36.13
(2.360)	0.024	2.438	2.478	0.003908		33	2700	5000	41.23	41.35
2.500	0.025	2.578	2.618	0.003482		33	2700	5000	44.51	44.63

注：(1)本厂也接受本表范围内未列入之规格的订货。

(2)标称导体直径≤0.070mm的导体直径公差采用规定的电阻极限。

Notes:(1) In the range of this table, sizes other than those mentioned are also acceptable.

(2) The tolerance of conductor of wire≤0.070mm,the resistance limits given in the resistance column apply.