



Polyester Imide Copper Round Enamelled Wire For High Temperature Motor

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: PEWSC
- Certification: UL, ROHS
- Model Number: PEWH Grade two
- Minimum Order Quantity: The MOQ varies according to the size of the specification
- Price: Copper price plus processing fee plus freight
- Packaging Details: Box
- Delivery Time: 3-5 work days
- Payment Terms: T/T 100% payment before shipment
- Supply Ability: Delivery 10-15 days after next order



Product Specification

- Product Model: PEWH Grade Two
- Rated Voltage: 2800V The Voltage Resistance Varies According To The Thickness Of The Film And The Size Of The Specification
- Standard: GB, IEC
- Temperature Class: 180
- Colors: Natural, Red, Green
- Wire Diameter: 0.10mm-3.20mm
- Hierachy Thickness: Grade Two
- Shape: Round
- Conductor Material: Enameled Copper
- Warranty: 3 Years
- Application: For High Temperature Moter
- Package: Carton
- Highlight: Polyester Imide Round Enamelled Wire, Copper Round Enamelled Wire



More Images



Product Description

Grade2 and Grade3 have a thicker insulation layer, making them safer and more reliable for use at higher voltages and temperatures.

Excellent Mechanical Strength: The PEWH outer polyimide material has high tensile strength and abrasion resistance, which can better withstand the various mechanical stresses during the manufacturing process of motor stator windings.

Excellent chemical resistance: PEWH polyimide outer layer has strong corrosion resistance to most chemicals and solvents, which enables it to work stably for a long time in harsh environments.

PEWH enameled wire is widely used in high-end industrial equipment, precision medical equipment, new energy technology and other demanding electrical systems. In these applications, it not only enhances the overall effectiveness and efficiency of the system, but also effectively extends the service life of the equipment and reduces maintenance costs.

In short, PEWH enameled wire is the market's choice for high-end, reliable magnet wire for professionals and organizations seeking optimal performance and maximum reliability. Choosing PEWH is a guarantee of high quality and long-term stable electrical performance.

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GB ---Grade2 Unit mm									
Diameter of Conductor	Conductor Tolerance	Conductor Control Benchmarks		OD Control Benchmarks		Specification Boundaries		Conductor Resistance 20 (Ω/KM)	Min Elongation (%)
		Lower Limit	Upper Limit	Lower Limit	Upper Limit	Min. Increase in Diameter	Max. Finished overall Diameter		
0.040	±0.002	0.039	0.041	0.049	0.053	0.008	0.054	15202	9
0.045	±0.003	0.044	0.046	0.056	0.060	0.010	0.061	12445	9
0.050	±0.003	0.049	0.051	0.061	0.065	0.010	0.066	9938	10
0.056	±0.003	0.055	0.057	0.067	0.071	0.010	0.074	7815	10
0.063	±0.003	0.062	0.064	0.076	0.081	0.012	0.083	6098	12
0.071	±0.003	0.070	0.072	0.084	0.089	0.012	0.091	4747	13
0.080	±0.003	0.079	0.081	0.095	0.100	0.014	0.101	3703	14
0.090	±0.003	0.089	0.091	0.106	0.111	0.015	0.113	2900	15
0.100	±0.003	0.099	0.101	0.117	0.122	0.016	0.125	2333	16
0.112	±0.003	0.111	0.114	0.130	0.136	0.017	0.139	1848	17
0.125	±0.003	0.124	0.127	0.145	0.151	0.019	0.154	1475	17
0.140	±0.003	0.139	0.142	0.162	0.168	0.021	0.171	1170	18
0.160	±0.003	0.159	0.162	0.184	0.190	0.023	0.194	890.6	19
0.180	±0.003	0.179	0.182	0.207	0.213	0.025	0.217	700.7	20
0.200	±0.003	0.199	0.202	0.229	0.235	0.027	0.239	565.7	21
0.224	±0.003	0.223	0.226	0.255	0.262	0.029	0.266	449.5	21
0.250	±0.004	0.249	0.253	0.285	0.292	0.032	0.297	362.8	22
0.280	±0.004	0.279	0.283	0.316	0.323	0.033	0.329	288.2	22
0.315	±0.004	0.314	0.317	0.353	0.361	0.035	0.367	227.0	23
0.355	±0.004	0.354	0.357	0.396	0.404	0.038	0.411	178.2	23
0.400	±0.005	0.398	0.403	0.444	0.454	0.040	0.459	140.7	24
0.450	±0.005	0.448	0.453	0.496	0.506	0.042	0.513	110.9	25
0.500	±0.005	0.498	0.503	0.549	0.559	0.045	0.566	89.59	25
0.560	±0.006	0.557	0.563	0.611	0.621	0.047	0.630	71.53	26
0.630	±0.006	0.627	0.633	0.684	0.696	0.050	0.704	56.38	27
0.710	±0.007	0.707	0.714	0.768	0.780	0.053	0.789	44.42	28
0.800	±0.008	0.797	0.804	0.861	0.873	0.056	0.884	35.00	28
0.900	±0.009	0.897	0.904	0.965	0.977	0.060	0.989	27.65	29
1.000	±0.010	0.997	1.004	1.068	1.082	0.063	1.094	22.40	30
1.120	±0.011	1.116	1.124	1.190	1.204	0.065	1.217	17.85	30
1.250	±0.013	1.246	1.254	1.322	1.336	0.067	1.349	14.35	31
1.400	±0.014	1.396	1.406	1.476	1.490	0.069	1.502	11.43	32
1.600	±0.016	1.596	1.606	1.678	1.694	0.071	1.706	8.75	32
1.800	±0.018	1.796	1.806	1.880	1.896	0.073	1.909	6.91	32
2.000	±0.020	1.994	2.006	2.082	2.098	0.075	2.112	5.60	33
2.240	±0.022	2.234	2.246	2.324	2.342	0.077	2.355	4.46	33
2.500	±0.025	2.494	2.506	2.586	2.604	0.079	2.618	3.58	33
2.800	±0.028	2.794	2.808	2.890	2.908	0.081	2.922	2.86	34
3.150	±0.032	3.144	3.158	3.243	3.263	0.084	3.276	2.26	34



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