



0.04mm - 1.00mm High Thermal Polyurethane Enamelled Wire UEWH Grade Three

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: PEWSC
- Certification: UL
- Model Number: UEWH Grade three
- 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

- Category: UEWH Grade Three
- Conductor Material: Copper
- Voltage Rating: 2800V The Voltage Resistance Varies According To The Thickness Of The Film And The Size Of The Specification
- Diameter: 0.04mm-1.00mm
- Temperature Grade: 180
- Warranty: 3 Years
- Colors: Could Be Customized
- Package: Carton
- Origin Country: China
- Highlight: **High Thermal Polyurethane Enamelled Wire, 1mm Polyurethane Enamelled Wire**



Product Description

Grade three has the best heat resistance and is suitable for high ambient temperatures. The choice of insulation level should be considered in conjunction with the use of the environment. In short, when choosing enameled wire, according to the specific application needs, weigh the insulation performance, mechanical strength and heat resistance and other factors, choose the most suitable type of product.

Good chemical resistance: The UEWH polyimide outer layer is highly resistant to a wide range of chemicals and solvents, making it suitable for industrial applications in harsh environments.

Overall, UEWH is a high-end enameled wire product with excellent performance in terms of heat resistance, mechanical strength, insulation and chemical resistance. It is widely used in the manufacture of key components for high power motors, large transformers and other industrial applications.

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GB ---Grade3 Unit mm

Diameter of Conduct	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		
0.071	±0.003	0.070	0.072	0.09	0.095	0.018	0.097	4747	13
0.080	±0.003	0.079	0.081	0.101	0.107	0.020	0.108	3703	14
0.090	±0.003	0.089	0.091	0.113	0.119	0.022	0.120	2900	15
0.100	±0.003	0.099	0.101	0.124	0.131	0.023	0.132	2333	16
0.112	±0.003	0.111	0.114	0.139	0.146	0.026	0.147	1848	17
0.125	±0.003	0.124	0.127	0.154	0.161	0.028	0.163	1475	17
0.140	±0.003	0.139	0.142	0.171	0.178	0.030	0.181	1170	18
0.160	±0.003	0.159	0.162	0.194	0.201	0.033	0.205	890.6	19
0.180	±0.003	0.179	0.182	0.218	0.225	0.036	0.229	700.7	20
0.200	±0.003	0.199	0.202	0.241	0.249	0.039	0.252	565.7	21
0.224	±0.003	0.223	0.226	0.269	0.277	0.043	0.280	449.5	21
0.250	±0.004	0.249	0.253	0.301	0.309	0.048	0.312	362.8	22
0.280	±0.004	0.279	0.283	0.333	0.341	0.050	0.345	288.2	22
0.315	±0.004	0.314	0.317	0.371	0.38	0.053	0.384	227.0	23
0.355	±0.004	0.354	0.357	0.415	0.423	0.057	0.428	178.2	23
0.400	±0.005	0.398	0.403	0.464	0.474	0.060	0.478	140.7	24
0.450	±0.005	0.448	0.453	0.518	0.528	0.064	0.533	110.9	25
0.500	±0.005	0.498	0.503	0.571	0.581	0.067	0.587	89.59	25
0.560	±0.006	0.557	0.563	0.635	0.645	0.071	0.653	71.53	26
0.630	±0.006	0.627	0.633	0.709	0.721	0.075	0.728	56.38	27
0.710	±0.007	0.707	0.714	0.795	0.807	0.080	0.814	44.42	28
0.800	±0.008	0.797	0.804	0.89	0.902	0.085	0.911	35.00	28
0.900	±0.009	0.897	0.904	0.995	1.007	0.090	1.018	27.65	29
1.000	±0.010	0.997	1.004	1.1	1.114	0.095	1.124	22.40	30
1.120	±0.011	1.116	1.124	1.223	1.237	0.098	1.248	17.85	30
1.250	±0.013	1.246	1.254	1.355	1.369	0.100	1.381	14.35	31
1.400	±0.014	1.396	1.406	1.509	1.523	0.103	1.535	11.43	32
1.600	±0.016	1.596	1.606	1.714	1.73	0.107	1.740	8.75	32
1.800	±0.018	1.796	1.806	1.917	1.933	0.110	1.944	6.91	32
2.000	±0.020	1.994	2.006	2.12	2.136	0.113	2.148	5.60	33
2.240	±0.022	2.234	2.246	2.363	2.381	0.116	2.392	4.46	33
2.500	±0.025	2.494	2.506	2.626	2.644	0.119	2.656	3.58	33
2.800	±0.028	2.794	2.808	2.932	2.95	0.123	2.961	2.86	34
3.150	±0.032	3.144	3.158	3.286	3.306	0.127	3.316	2.26	34



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