



UL Approved Polyester Enamelled Wire PEW U0 0.08mm - 3.20mm without winding layer

Our Product Introduction

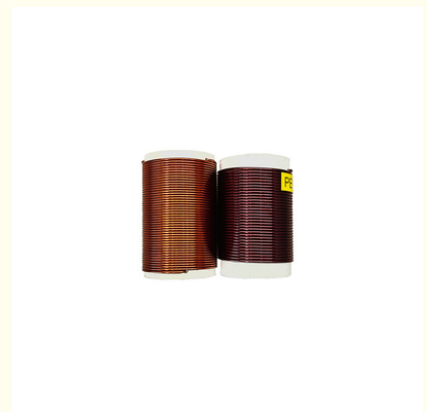
Basic Information

- Place of Origin: China
- Brand Name: PEWSC
- Certification: UL
- Model Number: PEW U0
- 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 Name: PEW U0
- Conductor Material: Copper
- Size: AWG 40-8
- Voltage Rating: 2800V The Voltage Resistance Varies According To The Thickness Of The Film And The Size Of The Specification
- Thermal Class: 155°C
- Applications: For Small Motor
- Color Options: Could Be Customized
- Hierarchy Thickness: Class Zero
- Sample: Free
- Warranty: 3 Years
- Highlight: **UL Polyester Enamelled Wire,
Polyester Enamelled Wire 0.08mm**



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Product Description

0.08mm-3.20mm polyester enamelled wire PEW U0 Non weldable 155 Thermal Class 155

U0 is an enameled wire without winding layer, which is suitable for applications that do not require complex winding due to its simpler structure and lower cost.

1. Good basic performance. The insulation layer thickness of PEW is generally 0.05-0.2mm, which can provide basic insulation protection. It also has a certain degree of heat resistance and mechanical strength.

Suitable for general industrial applications, PEW is mainly used in motors, transformers and other general industrial electrical equipment winding manufacturing, to meet the performance requirements of ordinary working conditions.

2. Easy to process and manufacture: PEW's material and structure are relatively simple, which makes it easier to control the winding and molding process of motor windings. Overall, PEW is a basic type of enameled wire with moderate performance and low cost, which is widely used in the manufacture of industrial motors, transformers and other common electrical equipment. It meets the basic requirements of most common industrial applications. PEW is an economical and practical choice for applications that do not require special performance.



JIS---0											Unit mm
Diameter of Conductor	Conductor Control Benchmarks		OD Control Benchmarks		Specification Boundaries		Conductor Resistance 20°C (Ω/KM)	Insulation breakdown voltage (v)	Min Elongation (%)	Max. Springiness (°)	Resistance to abrasion
	Lower Limit	Upper Limit	Lower Limit	Max. Diameter	Min. Increase in Diameter (mm)	Max. Finished overall Diameter (mm)					Min. Elongation (%)
0.06±0.003	0.059	0.061	0.093	0.1098	0.030	0.110	6966	2500	1105	--	---

0.95±0.020	0.944	0.953	1.021	1.041	0.068	1.072	25.38	5100	2351	62	11962900
1.00±0.030	0.994	1.003	1.075	1.095	0.072	1.138	23.33	5100	2352	58	11202200
1.10±0.030	1.093	1.103	1.179	1.201	0.074	1.242	19.17	5900	2352	54	11202200
1.20±0.030	1.193	1.203	1.279	1.301	0.074	1.342	16.04	5900	2352	54	11313200
1.30±0.030	1.293	1.305	1.383	1.407	0.078	1.448	13.61	5900	2353	50	11313200
1.40±0.030	1.393	1.405	1.483	1.507	0.078	1.548	11.70	5900	2353	46	11313200
1.50±0.030	1.493	1.505	1.587	1.611	0.082	1.654	10.16	5900	2353	46	11423200
1.60±0.030	1.592	1.605	1.687	1.711	0.082	1.754	8.906	5900	2353	42	11423200
1.70±0.030	1.692	1.703	1.789	1.813	0.084	1.856	7.871	6300	2353	--	11533300
1.80±0.030	1.792	1.803	1.889	1.913	0.084	1.956	7.007	6300	2354	--	11533300
1.90±0.030	1.892	1.903	1.990	2.017	0.088	2.062	6.278	6300	2354	--	11633300
2.00±0.030	1.992	2.003	2.093	2.117	0.088	2.162	5.656	6300	3304	--	11633300
2.10±0.030	2.090	2.104	2.195	2.221	0.090	2.266	5.123	6300	3304	--	11643300
2.20±0.030	2.19	2.204	2.293	2.323	0.092	2.368	4.662	6300	3305	--	11743300
2.30±0.030	2.29	2.304	2.397	2.423	0.092	2.468	4.260	6300	3305	--	11743300
2.40±0.030	2.390	2.404	2.501	2.529	0.096	2.574	3.908	6300	3305	--	11854300
2.50±0.030	2.490	2.504	2.603	2.631	0.098	2.678	3.598	6300	3305	--	11854300
2.60±0.030	2.590	2.604	2.703	2.731	0.098	2.778	3.324	6300	3305	--	11854300
2.70±0.030	2.690	2.704	2.803	2.831	0.098	2.878	3.079	6300	3305	--	---

2.80±0.030	2.790	2.804	2.903	2.917	2.931	0.098	2.978	2.861	6300	3306	--	---
2.90±0.030	2.890	2.904	3.003	3.017	3.031	0.098	3.078	2.665	6300	3306	--	---
3.00±0.030	2.99	3.004	3.103	3.117	3.131	0.098	3.178	2.489	6300	3306	--	---
3.20±0.030	3.19	3.204	3.303	3.317	3.335	0.098	3.388	2.198	6300	3306	--	---



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