



Non Weldable Enamel Copper Winding Wire Overcoat Polyamide 0.1mm - 2.20mm

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: PEWSC
- Certification: UL,ROHS
- Model Number: PEWN 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: PEWN U0
- Material: Copper
- Size: AWG 38-11
- Rated Voltage: 2800V The Voltage Resistance Varies According To The Thickness Of The Film And The Size Of The Specification
- Temperature Class: 155°C
- Insulation Material: Enamelled
- Applications: For General Motor, Transformer
- Color Options: Could Be Customized
- Sample: Free
- Warranty: 3 Years
- Shape: Round
- Highlight: **Non Weldable Enamel Copper Winding Wire, Enamel Copper Winding Wire 0.1mm**

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Product Description

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

1. excellent heat resistance. PEWN can withstand temperatures up to 155°C, very suitable for high-temperature environments in the manufacture of motor and transformer windings.
2. good electrical performance. PEWN polyimide insulation layer thickness of up to 0.1-0.5mm, in higher voltage conditions can still provide reliable insulation protection.
3. excellent chemical resistance. PEWN not only nylon outer layer, polyimide insulation layer also has a strong resistance to a variety of chemicals and solvents, in harsh environments can also maintain good insulation properties.

PEWN U0 enameled wire represents the highest quality standard in the manufacture of electrical materials and is designed for the most demanding industrial applications. It utilizes the most selective raw materials and state-of-the-art production techniques to ensure unmatched performance and reliability in a variety of extreme environments.

JIS---0											Unit mm
Diameter of Conductor	Conductor Control Benchmarks		OD Control Benchmarks		Specification Boundaries		Conductor or 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)					
0.06±0.003	0.059	0.061	0.093	0.098	0.103	0.110	6966	2500	1105	--	---
0.07±0.003	0.069	0.071	0.103	0.108	0.113	0.120	4990	2500	1107	--	---
0.08±0.003	0.079	0.081	0.115	0.120	0.125	0.133	3778	3000	1107	--	---
0.09±0.003	0.089	0.091	0.125	0.130	0.135	0.143	2959	3000	1108	--	---
0.10±0.008	0.098	0.101	0.134	0.139	0.144	0.156	2647	3500	1159	--	---
0.11±0.008	0.108	0.111	0.144	0.149	0.154	0.166	2153	3500	1159	--	---
0.12±0.008	0.118	0.121	0.156	0.161	0.166	0.180	1786	3750	1250	--	---
0.13±0.008	0.128	0.131	0.162	0.171	0.176	0.190	1505	3750	1250	--	---
0.14±0.008	0.138	0.141	0.176	0.181	0.186	0.200	1286	3750	1251	--	---
0.15±0.008	0.148	0.151	0.186	0.191	0.196	0.210	1111	3750	1251	--	---

1.80±0.030	1.792	1.803	1.889 1.901	1.913	0.084	1.956	7.007	6300	23 54	--	11 53 33 00
1.90±0.030	1.892	1.903	1.993 2.005	2.017	0.088	2.062	6.278	6300	23 54	--	11 63 33 00
2.00±0.030	1.992	2.003	2.093 2.105	2.117	0.088	2.162	5.656	6300	33 04	--	11 63 33 00
2.10±0.030	2.090	2.104	2.195 2.208	2.221	0.090	2.266	5.123	6300	33 04	--	11 64 33 00
2.20±0.030	2.19	2.204	2.293 2.310	2.323	0.092	2.368	4.662	6300	33 05	--	11 74 33 00
2.30±0.030	2.29	2.304	2.394 2.410	2.423	0.092	2.468	4.260	6300	33 05	--	11 74 33 00
2.40±0.030	2.390	2.404	2.505 2.515	2.529	0.096	2.574	3.908	6300	33 05	--	11 85 43 00
2.50±0.030	2.490	2.504	2.603 2.617	2.631	0.098	2.678	3.598	6300	33 05	--	11 85 43 00
2.60±0.030	2.590	2.604	2.703 2.717	2.731	0.098	2.778	3.324	6300	33 05	--	11 85 43 00
2.70±0.030	2.690	2.704	2.803 2.817	2.831	0.098	2.878	3.079	6300	33 05	--	---
2.80±0.030	2.790	2.804	2.903 2.917	2.931	0.098	2.978	2.861	6300	33 06	--	---
2.90±0.030	2.890	2.904	3.000 3.017	3.031	0.098	3.078	2.665	6300	33 06	--	---
3.00±0.030	2.99	3.004	3.103 3.117	3.131	0.098	3.178	2.489	6300	33 06	--	---
3.20±0.030	3.19	3.204	3.303 3.319	3.335	0.098	3.388	2.198	6300	33 06	--	---



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