



Overcoat Polyamide Enameled Copper Round Wire 0.04mm - 2.60mm Thermal Class 155

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: PEWSC
- Certification: UL
- Model Number: UEFN U1
- 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

- Model: UEFN U1
- Material: Copper
- Voltage Rating: 2800V
- Size: 0.04mm-2.60mm
- Application: For High Speed Coiling Processing
- Temperature: 155
- Color: Could Be Customized
- Certification: UL
- Warranty: 3 Years
- Sample: Free
- Highlight: **Overcoat Polyamide Enameled Copper Round Wire**
, Enameled Copper Round Wire 2.60mm



for more products please visit us on enamel-wire.com

Product Description

UEFN is an enamelled wire with modified polyesterimide as insulation material. Compared with UEF1 series, UEFN has the following characteristics.

1. Excellent abrasion resistance: UEFN is treated with a special coating that provides a high degree of surface hardness and abrasion resistance. This makes it ideal for use in motor winding manufacturing environments where frequent mechanical stresses are experienced.
2. Excellent flexibility: The insulation layer of UEFN has been specially softened to provide high flexibility while maintaining good insulation properties. This facilitates the forming and winding of motor stator windings.



JIS---1種													Unit mm
Diameter of Conductor	Conductor Control Benchmarks		OD Control Benchmarks			Specification Boundaries		Conductor Resistance 20 (Ω/KM)	Insulation breakdown voltage (v)	Min Elongation (%)		Max. Springiness (°)	Resistance to abrasion
	Lower Limit	Upper Limit	Lower Limit	Median	Upper Limit	Min. Increase in Diameter (mm)	Max. Finished overall Diameter (mm)			JIS	AWG		Average
0.050±0.003	0.049	0.051	0.069	0.074	0.079	0.016	0.083	10240	1900	110	4	--	---
0.060±0.003	0.059	0.061	0.079	0.084	0.089	0.016	0.096	6966	1900	110	5	--	---

0.070±0.003	0.069	0.071	0.089	0.094	0.099	0.016	0.106	4990	1900	107	--		
0.080±0.003	0.079	0.081	0.103	0.108	0.113	0.018	0.118	3778	2000	107	--		
0.090±0.003	0.089	0.091	0.113	0.118	0.123	0.018	0.128	2959	2000	108	--		
0.10±0.008	0.099	0.101	0.120	0.124	0.128	0.018	0.140	2647	2000	159	--		
0.11±0.008	0.109	0.111	0.130	0.134	0.138	0.018	0.150	2153	2000	159	--		
0.12±0.008	0.119	0.121	0.142	0.146	0.150	0.020	0.162	1786	2200	120	--		
0.13±0.008	0.129	0.131	0.152	0.156	0.160	0.020	0.172	1505	2200	120	--		
0.14±0.008	0.139	0.141	0.162	0.166	0.170	0.020	0.182	1286	2200	121	--		
0.15±0.008	0.149	0.151	0.172	0.176	0.180	0.020	0.192	1111	2200	121	--		
0.16±0.008	0.159	0.161	0.184	0.188	0.192	0.022	0.204	969.5	2200	122	--		
0.17±0.008	0.169	0.171	0.194	0.198	0.202	0.022	0.214	853.5	2200	123	--		
0.18±0.008	0.179	0.181	0.206	0.210	0.214	0.024	0.226	757.2	2400	123	--		
0.19±0.008	0.189	0.191	0.216	0.220	0.224	0.024	0.236	676.2	2400	123	--		
0.20±0.008	0.198	0.201	0.226	0.230	0.234	0.024	0.246	607.6	2400	124	--		
0.21±0.008	0.208	0.212	0.236	0.240	0.244	0.024	0.256	549.0	2400	124	--		
0.22±0.008	0.218	0.222	0.246	0.250	0.254	0.024	0.266	498.4	2400	124	--		
0.23±0.008	0.228	0.232	0.258	0.262	0.266	0.026	0.278	454.5	2400	124	--		
0.24±0.008	0.238	0.242	0.268	0.272	0.276	0.026	0.288	416.2	2400	124	--		
0.25±0.008	0.248	0.252	0.278	0.282	0.286	0.026	0.298	382.5	2400	125	66		

0.26±0.010	0.258	0.262	0.288	0.296	0.026	0.310	358.4	2400	15	25	66	335076
0.27±0.010	0.268	0.272	0.298	0.306	0.026	0.320	331.4	2400	15	26	61	335076
0.28±0.010	0.278	0.282	0.308	0.316	0.026	0.330	307.3	2400	15	26	61	336076
0.29±0.010	0.288	0.292	0.318	0.326	0.026	0.340	285.7	2400	20	26	61	336176
0.30±0.010	0.298	0.302	0.330	0.340	0.028	0.352	262.9	2800	20	26	61	339387
0.32±0.010	0.317	0.322	0.350	0.360	0.028	0.372	230.0	2800	20	26	55	339387
0.35±0.010	0.347	0.352	0.380	0.390	0.028	0.402	191.2	2800	20	27	50	430487
0.37±0.010	0.367	0.372	0.400	0.410	0.028	0.424	170.6	2800	20	27	50	430487
0.40±0.010	0.397	0.402	0.432	0.444	0.030	0.456	145.3	2800	20	27	76	434797
0.45±0.010	0.446	0.452	0.484	0.496	0.032	0.508	114.2	2800	20	28	72	447098
0.50±0.010	0.496	0.502	0.536	0.548	0.034	0.560	91.43	3050	20	28	67	542409
0.55±0.020	0.546	0.552	0.586	0.600	0.034	0.620	78.15	3050	20	29	62	542409
0.60±0.020	0.596	0.602	0.636	0.650	0.034	0.672	65.26	3050	20	29	62	543509
0.65±0.020	0.646	0.653	0.689	0.705	0.036	0.724	55.31	3050	20	29	58	547910
0.70±0.020	0.696	0.703	0.741	0.757	0.038	0.776	47.47	3050	23	30	53	651220
0.75±0.020	0.746	0.753	0.793	0.809	0.040	0.830	41.19	3400	23	30	53	655531
0.80±0.020	0.795	0.803	0.845	0.861	0.042	0.882	36.08	3400	23	30	66	658831
0.85±0.020	0.845	0.853	0.897	0.913	0.044	0.934	31.87	3400	23	30	66	762142
0.90±0.020	0.895	0.903	0.949	0.965	0.046	0.986	28.35	3400	23	31	62	766553

2.80±0.030	2.79	2.804	2.873	2.885	2.897	0.068	2.928	2.861	4350	3306	--	---
2.90±0.030	2.89	2.904	2.973	2.985	2.997	0.068	3.028	2.665	4350	3306	--	---
3.00±0.030	2.990	3.004	3.073	3.085	3.097	0.068	3.128	2.489	4350	3306	--	---
3.20±0.040	3.19	3.204	3.273	3.285	3.297	0.068	3.338	2.198	4350	3306	--	---



Pacific Electric Wire & Cable (Shenzhen) Co., Ltd.



13265485132



sales09@pewsc.com



enamel-wire.com

No.9 Jin Long 4 Road Bao long Industrail Estate Longgang,Shenzhen, China