



0.10mm-3.2mm PEW Overcoat Wire Polyamide-imide SAI Grade two Thermal Class 155°C For general motor

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: PEWSC
- Certification: UL,ROHS
- Model Number: SAI 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

- Model: SAI Grade Two
- Thermal Grade: 155°C
- Conductor Material: Copper
- Colors: Natural Red Green
- Coating Type: Grade Two
- Specification: AWG 38-8
- Rated Voltage: 2800V The Voltage Resistance Varies According To The Thickness Of The Film And The Size Of The Specification
- Warranty: 3 Years
- Package: Box
- Origin Country: China
- Standard: GB IEC
- Sample: Free
- Highlight: **General Motor PEW Overcoat Wire, SAI Grade PEW Overcoat Wire,**



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Medical Equipment: In medical equipment, enameled wire SAI is used to connect various sensors, actuators and controllers to ensure the accuracy and reliability of the equipment.

New Energy: In the field of new energy vehicles and solar power generation, enameled wire SAI is used to connect batteries, motors and other key components to realize the efficient conversion and utilization of energy.

Excellent radiation resistance: SAI's silicone insulating layer can effectively block a variety of electromagnetic radiation, in some of the strict requirements of electromagnetic compatibility is very suitable for the occasion.

In short, as a high-performance wire material, enameled wire SAI is widely used in various electronic and electrical equipment, providing important support for the development of modern science and technology.

GB ---Grade2 Unit mm																		
Dia mete r of Conduct	Conduct or Tol erance	Conduct or Control Bench marks		OD Control Bench marks		Specificati on Boundarie s		Conduct or Resi stance 20°C (Ω/K M)	Min Elo ngation (%)	Max. Sprin giness (°)	Insula tion brea kdo wn volt age (v)							
		Low er Limi t	Upp er Limi t	Lo wer Limi t	Up per Limi t	Min. Incre ase in Diam eter	Max. Finis hed over all Diam eter											
0.040	±0.002	0.039	0.041	0.049	0.053	0.008	0.054	15202	9		475							
0.045	±0.003	0.044	0.046	0.056	0.060	0.010	0.061	12445	9		550							
0.050	±0.003	0.049	0.051	0.061	0.065	0.010	0.066	9938	10		600							
0.056	±0.003	0.055	0.057	0.067	0.071	0.010	0.074	7815	10		650							
0.063	±0.003	0.062	0.064	0.076	0.081	0.012	0.083	6098	12		700							
0.071	±0.003	0.070	0.072	0.084	0.089	0.012	0.091	4747	13		700							
0.080	±0.003	0.079	0.081	0.095	0.100	0.014	0.101	3703	14	80	850							
0.090	±0.003	0.089	0.091	0.106	0.111	0.015	0.113	2900	15	77	900							
0.100	±0.003	0.099	0.101	0.117	0.122	0.016	0.125	2333	16	73	950							
0.112	±0.003	0.111	0.114	0.130	0.136	0.017	0.139	1848	17	73	2700							
0.125	±0.003	0.124	0.127	0.145	0.151	0.019	0.154	1475	17	70	2800							
0.140	±0.003	0.139	0.142	0.162	0.168	0.021	0.171	1170	18	67	3000							
0.160	±0.003	0.159	0.162	0.184	0.190	0.023	0.194	890.6	19	67	3200							
0.180	±0.003	0.179	0.182	0.207	0.213	0.025	0.217	700.7	20	65	3300							
0.200	±0.003	0.199	0.202	0.229	0.235	0.027	0.239	565.7	21	62	3500							
0.224	±0.003	0.223	0.226	0.255	0.262	0.029	0.266	449.5	21	59	3700							
0.250	±0.004	0.249	0.253	0.285	0.292	0.032	0.297	362.8	22	56	3900							
0.280	±0.004	0.279	0.283	0.316	0.323	0.033	0.329	288.2	22	53	4000							
0.315	±0.004	0.314	0.317	0.353	0.361	0.035	0.367	227.0	23	55	4100							
0.355	±0.004	0.354	0.357	0.396	0.404	0.038	0.411	178.2	23	53	4300							
0.400	±0.005	0.399	0.403	0.444	0.454	0.040	0.459	140.7	24	50	4400							

0.45 0	±0.00 5	0.44 8	0.45 3	0.4 96	0.5 06	0.04 2	0.513	110. 9	25	48	440 0							
0.50 0	±0.00 5	0.49 8	0.50 3	0.5 49	0.5 59	0.04 5	0.566	89.5 9	25	47	460 0							
0.56 0	±0.00 6	0.55 7	0.56 3	0.6 11	0.6 21	0.04 7	0.630	71.5 3	26	44	460 0							
0.63 0	±0.00 6	0.62 7	0.63 3	0.6 84	0.6 96	0.05 0	0.704	56.3 8	27	50	480 0							
0.71 0	±0.00 7	0.70 7	0.71 4	0.7 68	0.7 80	0.05 3	0.789	44.4 2	28	47	480 0							
0.80 0	±0.00 8	0.79 7	0.80 4	0.8 61	0.8 73	0.05 6	0.884	35.0 0	28	43	490 0							
0.90 0	±0.00 9	0.89 7	0.90 4	0.9 65	0.9 77	0.06 0	0.989	27.6 5	29	48	500 0							
1.00 0	±0.01 0	0.99 7	1.00 4	1.0 68	1.0 82	0.06 3	1.094	22.4 0	30	45	500 0							
1.12 0	±0.01 1	1.11 6	1.12 4	1.1 90	1.2 04	0.06 5	1.217	17.8 5	30	41	500 0							
1.25 0	±0.01 3	1.24 6	1.25 4	1.3 22	1.3 36	0.06 7	1.349	14.3 5	31	37	500 0							
1.40 0	±0.01 4	1.39 6	1.40 6	1.4 76	1.4 90	0.06 9	1.502	11.4 3	32	34	500 0							
1.60 0	±0.01 6	1.59 6	1.60 6	1.6 78	1.6 94	0.07 1	1.706	8.75	32	30	500 0							
1.80 0	±0.01 8	1.79 6	1.80 6	1.8 80	1.8 96	0.07 3	1.909	6.91	32		500 0							
2.00 0	±0.02 0	1.99 4	2.00 6	2.0 82	2.0 98	0.07 5	2.112	5.60	33		500 0							
2.24 0	±0.02 2	2.23 4	2.24 6	2.3 24	2.3 42	0.07 7	2.355	4.46	33		500 0							
2.50 0	±0.02 5	2.49 4	2.50 6	2.5 86	2.6 04	0.07 9	2.618	3.58	33		500 0							
2.80 0	±0.02 8	2.79 4	2.80 8	2.8 90	2.9 08	0.08 1	2.922	2.86	34		250 0							
3.15 0	±0.03 2	3.14 4	3.15 8	3.2 43	3.2 63	0.08 4	3.276	2.26	34		250 0							





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