



PEW Overcoat Polyamide-imide PAI for General Motor Temperature Grade 155C Thickness 0.20mm-3.0mm High Voltage Resistance

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: PEWSC
- Certification: UL,ROHS
- Model Number: SAI 0.20mm-3.0mm
- 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: SAI 0.20mm-3.0mm
- Temperature Grade: 155°C
- Conductor Material: Copper
- Color Option: Red, Green, Blue, Yellow, Natural
- Wire Diameter: 0.20mm-3.0mm
- Voltage Resistance: 2800V The Voltage Resistance Varies According To The Thickness Of The Film And The Size Of The Specification
- Warranty: 3 Years
- Package: Carton
- Origin Country: China
- Standard: GB IEC
- Sample: Free
- Highlight: **PEW Overcoat Polyamide-imide PAI, High Voltage Resistance Polyamide-imide PAI**



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Product Description

Manufacture of electronic equipment: Enameled wire SAI is widely used in the manufacture of various electronic equipment, such as computers, cell phones, TVs, stereos and so on. It serves as a connecting wire and is responsible for transmitting current and signals.

Household appliances: In household appliances, enameled wire SAI is often used to connect power lines, control lines, etc. to ensure the normal operation of the equipment.

Communication equipment: In communication equipment, enameled wire SAI is used to connect the components on the circuit board to realize signal transmission and processing.

Automotive electronics: In automotive electronic systems, enameled wire SAI is used to connect various sensors, actuators and controllers to realize intelligent control of vehicles.

Industrial automation: In the field of industrial automation, enameled wire SAI is used to connect various sensors, actuators and controllers to realize the automated control of production process.

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.

Aerospace: In the aerospace field, enameled wire SAI is used to connect various sensors, actuators and controllers to ensure the normal operation of aircraft.

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.

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 ---Grade3 Unit mm											
Diameter of Conductor	Conductor Tolerance	Conductor Control Benchmarks		OD Control Benchmarks		Specification Boundaries		Conductor Resistance 20°C (Ω/KM)	Min Elongation (%)	Max. Springiness (°)	Insulation breakdown voltage (V)
		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	--	1100
0.080	±0.003	0.079	0.081	0.101	0.107	0.020	0.108	3703	14	100	1200
0.090	±0.003	0.089	0.091	0.113	0.119	0.022	0.120	2900	15	94	1300
0.100	±0.003	0.099	0.101	0.124	0.131	0.023	0.132	2333	16	90	1400
0.112	±0.003	0.111	0.114	0.139	0.146	0.026	0.147	1848	17	88	3900
0.125	±0.003	0.124	0.127	0.154	0.161	0.028	0.163	1475	17	84	4100
0.140	±0.003	0.139	0.142	0.171	0.178	0.030	0.181	1170	18	79	4200
0.160	±0.003	0.159	0.162	0.194	0.201	0.033	0.205	890.6	19	78	4400
0.180	±0.003	0.179	0.182	0.218	0.225	0.036	0.229	700.7	20	75	4700
0.200	±0.003	0.199	0.202	0.241	0.249	0.039	0.252	565.7	21	72	5100
0.224	±0.003	0.223	0.226	0.269	0.277	0.043	0.280	449.5	21	68	5200
0.250	±0.004	0.249	0.253	0.301	0.309	0.048	0.312	362.8	22	65	5500
0.280	±0.004	0.279	0.283	0.333	0.341	0.050	0.345	288.2	22	61	5800
0.315	±0.004	0.314	0.317	0.371	0.38	0.053	0.384	227.0	23	62	6100
0.355	±0.004	0.354	0.357	0.415	0.423	0.057	0.428	178.2	23	59	6400

0.400	±0.005	0.398	0.403	0.46 4	0.474	0.060	0.478	140.7	24	55	6600
0.450	±0.005	0.448	0.453	0.51 8	0.528	0.064	0.533	110.9	25	53	6800
0.500	±0.005	0.498	0.503	0.57 1	0.581	0.067	0.587	89.59	25	51	7000
0.560	±0.006	0.557	0.563	0.63 5	0.645	0.071	0.653	71.53	26	48	7100
0.630	±0.006	0.627	0.633	0.70 9	0.721	0.075	0.728	56.38	27	53	7100
0.710	±0.007	0.707	0.714	0.79 5	0.807	0.080	0.814	44.42	28	50	7200
0.800	±0.008	0.797	0.804	0.89	0.902	0.085	0.911	35.00	28	46	7400
0.900	±0.009	0.897	0.904	0.99 5	1.007	0.090	1.018	27.65	29	51	7600
1.000	±0.010	0.997	1.004	1.1	1.114	0.095	1.124	22.40	30	47	7600
1.120	±0.011	1.116	1.124	1.22 3	1.237	0.098	1.248	17.85	30	34	7600
1.250	±0.013	1.246	1.254	1.35 5	1.369	0.100	1.381	14.35	31	39	7600
1.400	±0.014	1.396	1.406	1.50 9	1.523	0.103	1.535	11.43	32	36	7600
1.600	±0.016	1.596	1.606	1.71 4	1.73	0.107	1.740	8.75	32	32	7600
1.800	±0.018	1.796	1.806	1.91 7	1.933	0.110	1.944	6.91	32		7600
2.000	±0.020	1.994	2.006	2.12	2.136	0.113	2.148	5.60	33		7600
2.240	±0.022	2.234	2.246	2.36 3	2.381	0.116	2.392	4.46	33		7600
2.500	±0.025	2.494	2.506	2.62 6	2.644	0.119	2.656	3.58	33		7600
2.800	±0.028	2.794	2.808	2.93 2	2.95	0.123	2.961	2.86	34		3800
3.150	±0.032	3.144	3.158	3.28 6	3.306	0.127	3.316	2.26	34		3800



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