

AIE PPO 9010F-S120A

Polyphenylene Ether + PS

Asia International Enterprise (Hong Kong) Limited

Message:

AIE PPO 9010F-S120A is a Polyphenylene Ether + PS (PPE+PS) material. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America for injection molding. Primary attribute of AIE PPO 9010F-S120A: Flame Rated.

General Information			
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.10	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (280°C/5.0 kg)	12	g/10 min	ISO 1133
Molding Shrinkage	0.20 to 0.70	%	ISO 2577
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	68.0	MPa	ISO 527-2/1/50
Flexural Modulus	2450	MPa	ISO 178
Flexural Stress	97.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	25	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed, 3.20 mm Span	139	°C	ISO 75-2/B
1.8 MPa, Unannealed, 3.20 mm Span	120	°C	ISO 75-2/A
Vicat Softening Temperature	129	°C	ISO 306/B50
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+16	ohms	IEC 60093
Volume Resistivity	1.0E+16	ohms · cm	IEC 60093
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-0		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	100 to 110	°C	
Drying Time	3.0 to 4.0	hr	
Processing (Melt) Temp	240 to 300	°C	
Mold Temperature	70.0 to 100	°C	
Injection Pressure	30.0 to 80.0	MPa	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

