

AIE PPO 9010F-S100C

Polyphenylene Ether + PS

Asia International Enterprise (Hong Kong) Limited

Message:

AIE PPO 9010F-S100C 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.

Important attributes of AIE PPO 9010F-S100C are:

- Flame Rated
- Flame Retardant
- Halogen Free

General Information			
Features	Flame Retardant		
	Halogen Free		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.08	g/cm ³	ISO 1183
Molding Shrinkage	0.60	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	48.0	MPa	ISO 527-2
Flexural Modulus	2200	MPa	ISO 178
Flexural Stress	79.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	19	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	123	°C	ISO 75-2/B
1.8 MPa, Unannealed	103	°C	ISO 75-2/A
Flammability	Nominal Value	Test Method	
Flame Rating (1.60 mm)	V-0	UL 94	
Injection	Nominal Value	Unit	
Drying Temperature	70.0 to 80.0	°C	
Drying Time	2.0 to 3.0	hr	
Processing (Melt) Temp	210 to 270	°C	
Mold Temperature	50.0 to 80.0	°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

