

AIE PPO 9010F-S120D

Polyphenylene Ether + PS

Asia International Enterprise (Hong Kong) Limited

Message:

AIE PPO 9010F-S120D 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-S120D 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	1.10	g/cm ³	ISO 1183
Molding Shrinkage	0.60	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	75.0	MPa	ISO 527-2
Flexural Modulus	2150	MPa	ISO 178
Flexural Stress	110	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	16	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	144	°C	ISO 75-2/B
1.8 MPa, Unannealed	124	°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	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	

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