

AIE PPO 9010F-SM20

Polyphenylene Ether + PS

Asia International Enterprise (Hong Kong) Limited

Message:

AIE PPO 9010F-SM20 is a Polyphenylene Ether + PS (PPE+PS) material filled with 20% mineral. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America for injection molding.

Important attributes of AIE PPO 9010F-SM20 are:

- Flame Rated
- Flame Retardant
- Heat Resistant
- High Strength

General Information			
Filler / Reinforcement	Mineral,20% Filler by Weight		
Features	Flame Retardant		
	High Heat Resistance		
	High Strength		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.29	g/cm ³	ISO 1183
Molding Shrinkage	0.30	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	80.0	MPa	ISO 527-2
Flexural Modulus	3550	MPa	ISO 178
Flexural Stress	120	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	13	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	125	°C	ISO 75-2/B
1.8 MPa, Unannealed	105	°C	ISO 75-2/A
Flammability	Nominal Value	Test Method	
Flame Rating (1.50 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	250 to 310	°C	
Mold Temperature	70.0 to 100	°C	
Injection Pressure	30.0 to 80.0	MPa	

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Recommended distributors for this material

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