

AIE PPO 9010F-S085A

Polyphenylene Ether + PS

Asia International Enterprise (Hong Kong) Limited

Message:

AIE PPO 9010F-S085A 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-S085A 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)	44.0	MPa	ISO 527-2
Flexural Modulus	2000	MPa	ISO 178
Flexural Stress	71.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	22	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	106	°C	ISO 75-2/B
1.8 MPa, Unannealed	86.0	°C	ISO 75-2/A
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.60 mm	V-0		
3.00 mm	5VA		
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	70.0 to 90.0	°C	
Injection Pressure	30.0 to 80.0	MPa	

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Recommended distributors for this material

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