

TEKAPPO™ JF1

Polyphenylene Ether + PS

Mando Advanced Materials Co., Ltd.

Message:

TEKAPPO™ JF1 is a Polyphenylene Ether + PS (PPE+PS) product. It is available in Asia Pacific.

Characteristics include:

- Flame Rated
- Flame Retardant
- Halogen Free

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	Halogen Free		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.06	g/cm ³	ASTM D792
Molding Shrinkage - Flow ¹	0.50 to 0.70	%	ASTM D955
Water Absorption (24 hr)	0.070	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	63.7	MPa	ASTM D638
Tensile Elongation (Break)	20	%	ASTM D638
Flexural Modulus	2450	MPa	ASTM D790
Flexural Strength	98.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	200	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	136	°C	
1.8 MPa, Unannealed	125	°C	
Flammability	Nominal Value	Test Method	
Flame Rating	V-1	UL 94	
Injection	Nominal Value	Unit	
Drying Temperature	80.0 to 100	°C	
Drying Time	3.0 to 5.0	hr	
Rear Temperature	210 to 270	°C	
Middle Temperature	200 to 240	°C	
Front Temperature	190 to 220	°C	
Nozzle Temperature	220 to 270	°C	
Processing (Melt) Temp	270 to 290	°C	
Mold Temperature	100 to 130	°C	

Injection Pressure	98.1 to 157	MPa
NOTE		
1.	60°C Mold Temperature	

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Recommended distributors for this material

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