

TEKAPPO™ JF6

Polyphenylene Ether + PS
Mando Advanced Materials Co., Ltd.

Message:

TEKAPPO™ JF6 is a Polyphenylene Ether + PS (PPE+PS) product. It is available in Asia Pacific.
Characteristics include:
Flame Rated
Flame Retardant
Halogen Free
Heat Resistant

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	Good Thermal Stability		
	Halogen Free		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.11	g/cm ³	ASTM D792
Molding Shrinkage - Flow ¹	0.50 to 0.70	%	ASTM D955
Water Absorption (24 hr)	0.060	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	66.7	MPa	ASTM D638
Tensile Elongation (Break)	18	%	ASTM D638
Flexural Modulus	2450	MPa	ASTM D790
Flexural Strength	108	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	230	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	133	°C	
1.8 MPa, Unannealed	123	°C	
Flammability	Nominal Value	Test Method	
Flame Rating	V-0	UL 94	
Injection	Nominal Value	Unit	
Processing (Melt) Temp	270 to 290	°C	
Mold Temperature	60.0 to 100	°C	
NOTE			
1.	60°C Mold Temperature		

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