

TEKAPPO™ J920

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

Message:

TEKAPPO™ J920 is a Polyphenylene Ether + PS (PPE+PS) product filled with 20% glass fiber. It is available in Asia Pacific. Primary characteristic: flame rated.

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.21	g/cm³	ASTM D792
Molding Shrinkage ¹			ASTM D955
Flow	0.20	%	
Across Flow	0.40	%	
Water Absorption (24 hr)	0.060	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	87.3	MPa	ASTM D638
Tensile Elongation (Break)	5.0	%	ASTM D638
Flexural Modulus	5100	MPa	ASTM D790
Flexural Strength	137	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	110	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	145	°C	
1.8 MPa, Unannealed	136	°C	
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Injection	Nominal Value	Unit	
Processing (Melt) Temp	280 to 310	°C	
Mold Temperature	80.0 to 100	°C	
NOTE			

1. 60°C Mold Temperature

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Recommended distributors for this material

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