

TEKAPPO™ JF303

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

Message:

JF303 is PPO/PS unreinforced product and high impact.

General Information			
Features	Impact resistance, high		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.06	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	66.7	MPa	ASTM D638
Tensile Elongation ² (Break)	70	%	ASTM D638
Flexural Modulus ³	245	MPa	ASTM D790
Flexural Strength ⁴	108	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	390	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	155	°C	ASTM D648
1.8 MPa, not annealed	140	°C	ASTM D648
Peak Melting Temperature	260	°C	ASTM D3418
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	100 - 110	°C	
Drying Time	4.0 - 6.0	hr	
Rear Temperature	270 - 310	°C	
Middle Temperature	270 - 310	°C	
Front Temperature	270 - 310	°C	
Nozzle Temperature	280 - 320	°C	
Processing (Melt) Temp	260 - 310	°C	
Mold Temperature	70.0 - 100	°C	
Injection instructions			
Injection Speed: 30 to 70%Injection Pressure - 1st: 20 to 50%Injection Pressure - 2nd: 20 to 50%Injection Pressure - Back Pressure: 0 to 20%			
NOTE			
1.	50 mm/min		
2.	50 mm/min		
3.	3.0 mm/min		
4.	3.0 mm/min		

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Recommended distributors for this material

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