

TEKAFIN™ P730G45

Polypropylene

Mando Advanced Materials Co., Ltd.

Message:

TEKAFIN P730G45 is GF45% reinforced PP. P70G45 has good dimensional stability, good mechanical strength and good heat resistance.

General Information			
Filler / Reinforcement	Glass Fiber,45% Filler by Weight		
Features	Good Dimensional Stability		
	Medium Heat Resistance		
Uses	Automotive Applications		
	Electrical/Electronic Applications		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.29	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.30 to 0.80	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	118	MPa	ASTM D638
Tensile Elongation ² (Break)	3.0	%	ASTM D638
Flexural Modulus ³	8730	MPa	ASTM D790
Flexural Strength ⁴	167	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	150	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	156	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	70.0 to 80.0	°C	
Drying Time	3.0 to 4.0	hr	
Rear Temperature	190 to 210	°C	
Middle Temperature	200 to 230	°C	
Front Temperature	200 to 230	°C	
Nozzle Temperature	210 to 230	°C	
Processing (Melt) Temp	210 to 230	°C	
Mold Temperature	40.0 to 60.0	°C	
NOTE			
1.	5.0 mm/min		

2.	5.0 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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