

TEKAFIN™ P730G30

Polypropylene

Mando Advanced Materials Co., Ltd.

Message:

TEKAFIN P730G30 is Compounded-PP GF 30% high strength product.

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Features	High Strength		
Uses	Automotive Applications		
	Electrical/Electronic Applications		

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.12	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.40 to 0.90	%	ASTM D955

Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	108	MPa	ASTM D638
Tensile Elongation ² (Break)	3.0	%	ASTM D638
Flexural Modulus ³	6080	MPa	ASTM D790
Flexural Strength ⁴	147	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 (0.45 MPa, Unannealed)	164	°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	

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Recommended distributors for this material

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