

# TEKAFIN™ PB60G10

Polypropylene

Mando Advanced Materials Co., Ltd.

## Message:

PB60G10 is GF10% reinforced Compounded-PP.

General Information			
Filler / Reinforcement	Glass Fiber,10% Filler by Weight		
Uses	Automotive Applications		
	Electrical/Electronic Applications		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.988	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.40 to 0.60	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Break)	49.0	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	< 10	%	ASTM D638
Flexural Modulus <sup>3</sup>	1960	MPa	ASTM D790
Flexural Strength <sup>4</sup>	68.6	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	49	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	140	°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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