

TEKAFIN™ PB50M20

Polypropylene

Mando Advanced Materials Co., Ltd.

Message:

PB50M20 is MF25% reinforced Compounded-PP.

General Information			
Filler / Reinforcement	Mineral,25% Filler by Weight		
Uses	Automotive Applications		
	Automotive Interior Parts		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.10	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	32.4	MPa	ASTM D638
Tensile Elongation ² (Break)	32	%	ASTM D638
Flexural Modulus ³	2270	MPa	ASTM D790
Flexural Strength ⁴	45.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	41	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	136	°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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