

TEKAFIN™ PB50GM

Polypropylene

Mando Advanced Materials Co., Ltd.

Message:

TEKAFIN™ PB50GM is a Polypropylene product filled with 30% glass\mineral. It is available in Asia Pacific. Primary characteristic: warp resistant.

General Information			
Filler / Reinforcement	Glass\Mineral,30% Filler by Weight		
Features	Low Warpage		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.01	g/cm³	ASTM D792
Molding Shrinkage ¹			ASTM D955
Flow	0.70	%	
Across Flow	0.90	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	58.8	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	3730	MPa	ASTM D790
Flexural Strength	118	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	69	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	165	°C	ASTM D648
Injection	Nominal Value	Unit	
Processing (Melt) Temp	180 to 220	°C	
Mold Temperature	60.0 to 80.0	°C	
NOTE			

1. 60°C Mold Temperature

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Recommended distributors for this material

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