

TEKAFIN™ PH50G20

Polypropylene

Mando Advanced Materials Co., Ltd.

Message:

TEKAFIN™ PH50G20 is a Polypropylene product filled with 20% glass fiber. It is available in Asia Pacific.

Characteristics include:

Flame Rated

High Strength

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Features	High Strength		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm ³	ASTM D792
Molding Shrinkage ¹			ASTM D955
Flow	0.60	%	
Across Flow	1.0	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	88.3	MPa	ASTM D638
Tensile Elongation (Break)	4.0	%	ASTM D638
Flexural Modulus	4120	MPa	ASTM D790
Flexural Strength	108	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	98	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	162	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
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

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

