

TEKAMID™ TB130GM

Polyamide 6

Mando Advanced Materials Co., Ltd.

Message:

TB130GM is GF/MF 20% reinforced Polyamide6.

General Information			
Filler / Reinforcement	Glass \mineral, 20% filler by weight		
Uses	Application in Automobile Field		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.28	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.70 - 1.2	%	ASTM D955
Water Absorption (23°C, 24 hr)	1.2	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	97.1	MPa	ASTM D638
Tensile Elongation ² (Break)	7.0	%	ASTM D638
Flexural Modulus ³	456	MPa	ASTM D790
Flexural Strength ⁴	167	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 (1.8 MPa, Unannealed)	185	°C	ASTM D648
Peak Melting Temperature	220	°C	ASTM D3418
Flammability	Nominal Value	Test Method	
Flame Rating	HB	UL 94	
Injection	Nominal Value	Unit	
Drying Temperature	80.0 - 100	°C	
Drying Time	4.0 - 5.0	hr	
Rear Temperature	235 - 255	°C	
Middle Temperature	240 - 270	°C	
Front Temperature	240 - 270	°C	
Nozzle Temperature	250 - 280	°C	
Processing (Melt) Temp	250 - 280	°C	
Mold Temperature	80.0 - 100	°C	
Injection instructions			
Injection Speed: 40 to 70%Injection Pressure - 1st: 20 to 50%Injection Pressure - 2nd: 20 to 50%Injection Pressure - Back Pressure: 0 to 20%			
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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