TEKAMID™ TB120G30

Polyamide 6

Mando Advanced Materials Co., Ltd.

Message:

TEKAMID™ TB120G30 is a Polyamide 6 (Nylon 6) product filled with 30% glass fiber. It is available in Asia Pacific. Typical application: Automotive. Primary characteristic: flame rated.

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.36	g/cm³	ASTM D792
Molding Shrinkage [1]			ASTM D955
Flow	0.30	%	
Across Flow	0.80	%	
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength	167	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	7750	MPa	ASTM D790
Flexural Strength	226	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact	120	J/m	ASTM D256
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	220	°C	
1.8 MPa, Unannealed	210	°C	
Peak Melting Temperature	220	°C	ASTM D2133
Flammability	**Nominal Value**		**Test Method**
Flame Rating	HB		UL 94
Injection	**Nominal Value**	**Unit**	
Processing (Melt) Temp	270 to 290	°C	
Mold Temperature	80.0 to 90.0	°C	
NOTE			
1.	60°C Mold Temperature		

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Recommended distributors for this material

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