

# TEKAMID™ TB120ST

Polyamide 6

Mando Advanced Materials Co., Ltd.

## Message:

TEKAMID™ TB120ST is a Polyamide 6 (Nylon 6) product. It is available in Asia Pacific.

Characteristics include:

Flame Rated

Good Toughness

General Information			
Features	Ultra High Toughness		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.07	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage <sup>1</sup>			ASTM D955
Flow	1.3	%	
Across Flow	1.3	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	47.1	MPa	ASTM D638
Tensile Elongation (Break)	150	%	ASTM D638
Flexural Modulus	1370	MPa	ASTM D790
Flexural Strength	45.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	> 880	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	135	°C	
1.8 MPa, Unannealed	60.0	°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	250 to 270	°C	
Mold Temperature	40.0 to 60.0	°C	
NOTE			
1.	60°C Mold Temperature		

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Recommended distributors for this material

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