

# TEKAMID™ TB120L

Polyamide 6

Mando Advanced Materials Co., Ltd.

Message:

TEKAMID™ TB120L is a Polyamide 6 (Nylon 6) product. It is available in Asia Pacific.

Characteristics include:

Flame Rated

Good Mold Release

General Information			
Features	Good Mold Release		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.14	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage <sup>1</sup>			ASTM D955
Flow	1.4	%	
Across Flow	1.4	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	73.5	MPa	ASTM D638
Tensile Elongation (Break)	70	%	ASTM D638
Flexural Modulus	2450	MPa	ASTM D790
Flexural Strength	103	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	44	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	175	°C	
1.8 MPa, Unannealed	75.0	°C	
Peak Melting Temperature	220	°C	ASTM D2133
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	5.0 to 10	hr	
Rear Temperature	240 to 270	°C	
Middle Temperature	230 to 260	°C	
Front Temperature	210 to 260	°C	
Nozzle Temperature	240 to 270	°C	
Processing (Melt) Temp	250 to 270	°C	
Mold Temperature	40.0 to 100	°C	
Injection Pressure	44.1 to 152	MPa	
NOTE			

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#### Recommended distributors for this material

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