

TEKAMID™ TA250FR

Polyamide 66

Mando Advanced Materials Co., Ltd.

Message:

TEKAMID™ TA250FR is a Polyamide 66 (Nylon 66) product. It is available in Asia Pacific.

Characteristics include:

Flame Rated

Halogen Free

General Information			
Features	Halogen Free		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.15	g/cm ³	ASTM D792
Molding Shrinkage ¹			ASTM D955
Flow	1.5	%	
Across Flow	1.5	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	78.5	MPa	ASTM D638
Tensile Elongation (Break)	30	%	ASTM D638
Flexural Modulus	2940	MPa	ASTM D790
Flexural Strength	113	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	49	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	235	°C	
1.8 MPa, Unannealed	95.0	°C	
Peak Melting Temperature	260	°C	ASTM D2133
Flammability	Nominal Value		Test Method
Flame Rating	V-0		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	5.0 to 10	hr	
Rear Temperature	250 to 280	°C	
Middle Temperature	240 to 270	°C	
Front Temperature	220 to 250	°C	
Nozzle Temperature	250 to 280	°C	
Processing (Melt) Temp	265 to 290	°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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