

TEKAMID™ TA210G15

Polyamide 66

Mando Advanced Materials Co., Ltd.

Message:

TEKAMID™ TA210G15 is a Polyamide 66 (Nylon 66) product filled with 15% glass fiber. It is available in Asia Pacific. Primary characteristic: flame rated.

General Information			
Filler / Reinforcement	Glass Fiber,15% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.23	g/cm ³	ASTM D792
Molding Shrinkage ¹			ASTM D955
Flow	0.50	%	
Across Flow	1.0	%	
Water Absorption (24 hr)	1.9	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	127	MPa	ASTM D638
Tensile Elongation (Break)	4.0	%	ASTM D638
Flexural Modulus	5490	MPa	ASTM D790
Flexural Strength	196	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	69	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	240	°C	
1.8 MPa, Unannealed	225	°C	
Peak Melting Temperature	260	°C	ASTM D2133
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Injection	Nominal Value	Unit	
Processing (Melt) Temp	280 to 300	°C	
Mold Temperature	80.0 to 100	°C	
NOTE			
1.	60°C Mold Temperature		

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Recommended distributors for this material

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