

TEKAMID™ TA210SG30

Polyamide 66

Mando Advanced Materials Co., Ltd.

Message:

TEKAMID™ TA210SG30 is a Polyamide 66 (Nylon 66) product filled with 30% glass fiber. It is available in Asia Pacific. Primary characteristic: flame rated.

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.33	g/cm ³	ASTM D792
Molding Shrinkage ¹			ASTM D955
Flow	0.40	%	
Across Flow	0.80	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	127	MPa	ASTM D638
Tensile Elongation (Break)	4.0	%	ASTM D638
Flexural Modulus	6670	MPa	ASTM D790
Flexural Strength	191	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	170	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	250	°C	
1.8 MPa, Unannealed	240	°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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