MAZMID B 150 FV 07

150

Flexural Strength

Polyamide 6

Mazzaferro Indústria e Comércio de Polímeros e Fibras Ltda.

Message:

MAZMID B 150 FV 07 is a Polyamide 6 (Nylon 6) product filled with 7.0% glass fiber. It can be processed by injection molding and is available in Latin America. Applications of MAZMID B 150 FV 07 include electrical/electronic applications, engineering/industrial parts, automotive and housings. Characteristics include: Flame Rated Good Aesthetics Good Dimensional Stability Heat Resistant High Stiffness

Filler / Reinforcement Glass Fiber, 7.0% Filler by Weight Features Good Dimensional Stability Good Ournamic Stability Good Ournamic Stability Good Thermal Stability High Stiffness Low Viscosity Low Viscosity Uses Automotive Applications Electrical/Electronic Applications Electrical/Electronic Applications Electrical/Electronic Applications Electrical/Electronic Applications Good Surface Finder Processing Method Injection Molding Physical Dry Conditioned Specific Gravity 1.1 to 1.2 Molding Strinkage - Flow 1.1 to 1.2 Water Absorption (23*C, 24 hr) Tast Molding Strinkage - Flow 1.1 to 1.2 Machandes Good Tioned Unit Test Method Rockwell Hardness File Conditioned Unit Test Method Rockwell Hardness 120 100 - ASTM D570 Mechanical Dry Conditioned Unit Test Method Tensile Modulus 4200 3000	General Information								
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Tensile Strength 85.0 MPa ASTM D638									
	Tensile Elongation (Break)	6.5	8.5	%	ASTM D638				
Flexural Modulus 3500 2300 MPa ASTM D500									

MPa

ASTM D790

75.0

Impact	Dry	Conditioned	Unit	Test Method
Notched Izod Impact	60	130	J/m	ASTM D256
Thermal	Dry	Conditioned	Unit	Test Method
Deflection Temperature Under Load				ASTM D648
0.45 MPa, Unannealed	180		°C	
1.8 MPa, Unannealed	140		°C	
Continuous Use				
Temperature	80.0 to 85.0		°C	
Melting Temperature	214 to 220		°C	
CLTE - Flow	3.5E-5		cm/cm/°C	ASTM D696
Electrical	Dry	Conditioned	Unit	Test Method
Volume Resistivity	1.0E+15		ohms·cm	ASTM D257
Dielectric Strength	21		kV/mm	ASTM D149
Flammability	Dry	Conditioned	Unit	Test Method
Flame Rating (1.60 mm)	НВ			UL 94

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