

MAZMID B 150 FV 25

Polyamide 6

Mazzaferro Indústria e Comércio de Polímeros e Fibras Ltda.

Message:

MAZMID B 150 FV 25 is a Polyamide 6 (Nylon 6) product filled with 25% glass fiber. It can be processed by injection molding and is available in Latin America. Applications of MAZMID B 150 FV 25 include electrical/electronic applications, engineering/industrial parts, automotive and housings. Characteristics include:

- Flame Rated
- Good Aesthetics
- Good Dimensional Stability
- Heat Resistant
- High Stiffness

General Information				
Filler / Reinforcement		Glass Fiber,25% Filler by Weight		
Features		Good Dimensional Stability		
		Good Surface Finish		
		Good Thermal Stability		
		High Stiffness		
		Low Viscosity		
Uses		Automotive Applications		
		Electrical Parts		
		Electrical/Electronic Applications		
		Gears		
		Housings		
		Knobs		
Processing Method		Injection Molding		
Physical	Dry	Conditioned	Unit	Test Method
Specific Gravity	1.32	--	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.35 to 0.55	--	%	ASTM D955
Water Absorption (23°C, 24 hr)	1.0	--	%	ASTM D570
Hardness	Dry	Conditioned	Unit	Test Method
Rockwell Hardness (R-Scale)	122	110		ASTM D785
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	7000	4500	MPa	ASTM D638
Tensile Strength	135	85.0	MPa	ASTM D638
Tensile Elongation (Break)	3.5	5.5	%	ASTM D638
Flexural Modulus	6500	400	MPa	ASTM D790
Flexural Strength	210	120	MPa	ASTM D790

Impact	Dry	Conditioned	Unit	Test Method
Notched Izod Impact	110	170	J/m	ASTM D256
Thermal	Dry	Conditioned	Unit	Test Method
Deflection Temperature Under Load				ASTM D648
0.45 MPa, Unannealed	195	--	°C	
1.8 MPa, Unannealed	180	--	°C	
Continuous Use Temperature	100 to 110	--	°C	
Melting Temperature	214 to 220	--	°C	
CLTE - Flow	3.0E-5	--	cm/cm/°C	ASTM D696
Electrical	Dry	Conditioned	Unit	Test Method
Volume Resistivity	1.0E+15	--	ohms·cm	ASTM D257
Dielectric Strength	22	--	kV/mm	ASTM D149
Flammability	Dry	Conditioned	Unit	Test Method
Flame Rating (1.60 mm)	HB	--		UL 94

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

