

MAZMID B 150 EV30

Polyamide 6

Mazzaferro Indústria e Comércio de Polímeros e Fibras Ltda.

Message:

MAZMID B 150 EV30 is a Polyamide 6 (Nylon 6) product filled with 30% glass bead. It can be processed by injection molding and is available in Latin America.

Characteristics include:

Flame Rated

Good Aesthetics

Good Stiffness

Rigid

General Information			
Filler / Reinforcement	Glass Bead,30% Filler by Weight		
Features	Good Stiffness		
	Good Surface Finish		
	High Rigidity		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.35 to 1.37	g/cm ³	ASTM D792
Molding Shrinkage - Flow	1.0 to 1.2	%	ASTM D955
Water Absorption (23°C, 24 hr)	0.80 to 0.90	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	107		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4800	MPa	ASTM D638
Tensile Strength	75.0	MPa	ASTM D638
Tensile Elongation (Break)	4.0 to 6.0	%	ASTM D638
Flexural Modulus	4100	MPa	ASTM D790
Flexural Strength	108	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	45	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	180	°C	
1.8 MPa, Unannealed	100	°C	
Continuous Use Temperature	90.0 to 100	°C	
Melting Temperature	214 to 220	°C	
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+15	ohms · cm	ASTM D257
Dielectric Strength	21	kV/mm	ASTM D149

Flammability	Nominal Value	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

