

MAZMID D 300 FV13

Polyamide 612

Mazzaferro Indústria e Comércio de Polímeros e Fibras Ltda.

Message:

MAZMID D 300 FV13 is a Polyamide 612 (Nylon 612) product filled with 13% glass fiber. It can be processed by injection molding and is available in Latin America. Typical application: Engineering/Industrial Parts.

Characteristics include:

- Flame Rated
- Good Dimensional Stability
- Good Processability
- Low Moisture Absorption
- Medium Viscosity

General Information			
Filler / Reinforcement	Glass Fiber,13% Filler by Weight		
Features	Good Dimensional Stability		
	Good Processability		
	Low Moisture Absorption		
	Medium Viscosity		
Uses	Engineering Parts		
Appearance	Black		
	Natural Color		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.15	g/cm ³	ISO 1183
Water Absorption (23°C, 24 hr)	0.15	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3000	MPa	ISO 527-2
Tensile Stress (Yield)	75.0	MPa	ISO 527-2
Tensile Strain (Break)	12	%	ISO 527-2
Flexural Modulus	3500	MPa	ISO 178
Flexural Stress	85.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180
-40°C	4.5	kJ/m ²	
23°C	11	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	190	°C	ISO 75-2/B
1.8 MPa, Unannealed	150	°C	ISO 75-2/A

Melting Temperature (DSC)	212 to 215	°C	ISO 1218
Flammability	Nominal Value		Test Method
Flame Rating (1.30 mm)	HB		UL 94

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Recommended distributors for this material

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