

MAZMID D 300

Polyamide 612

Mazzaferro Indústria e Comércio de Polímeros e Fibras Ltda.

Message:

MAZMID D 300 is a Polyamide 612 (Nylon 612) product. It can be processed by injection molding and is available in Latin America. Typical application: Engineering/Industrial Parts.
Characteristics include:
Good Dimensional Stability
Good Processability
Low Moisture Absorption
Medium Viscosity

General Information			
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	1.06 to 1.08	g/cm ³	ISO 1183
Water Absorption (23°C, 24 hr)	0.30 to 0.40	%	ISO 62
Inherent Viscosity	0.94 to 1.0		ASTM D2857
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1800	MPa	ISO 527-2
Tensile Stress (Yield)	61.0	MPa	ISO 527-2
Tensile Strain (Break)	> 100	%	ISO 527-2
Flexural Modulus	2000	MPa	ISO 178
Flexural Stress	75.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180
-40°C	3.7	kJ/m ²	
23°C	4.5	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	150	°C	ISO 75-2/B
1.8 MPa, Unannealed	70.0	°C	ISO 75-2/A
Melting Temperature (DSC)	212 to 215	°C	ISO 1218

Flammability	Nominal Value	Unit	Test Method
Burning Rate (1.60 mm)	< 100	mm/min	ISO 3795

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Recommended distributors for this material

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