

LATI Latimass 75/4-04 D009 PA12

Category : Polymer , Thermoplastic , Nylon , Nylon 12

Material Notes:

Specific density compound based on Polyamide 12 (PA12). Special filler. Availability: Africa & Middle East; Asia Pacific; Europe; Latin America; North America Information provided by Lati Industria Termoplastici S.p.A.

Order this product through the following link:

http://www.lookpolymers.com/polymer_LATI-Latimass-754-04-D009-PA12.php

Physical Properties	Metric	English	Comments
Density	1.00 g/cc	0.0361 lb/in ³	
Linear Mold Shrinkage, Flow	0.010 - 0.013 cm/cm	0.010 - 0.013 in/in	
Linear Mold Shrinkage, Transverse	0.0090 - 0.012 cm/cm	0.0090 - 0.012 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	25.0 MPa	3630 psi	
Elongation at Break	0.70 %	0.70 %	
Tensile Modulus	3.40 GPa	493 ksi	
Charpy Impact Unnotched	1.00 J/cm ²	4.76 ft-lb/in ²	
Charpy Impact, Notched	0.120 J/cm ²	0.571 ft-lb/in ²	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	165 Â°C	329 Â°F	
Deflection Temperature at 1.8 MPa (264 psi)	70.0 Â°C	158 Â°F	
Vicat Softening Point	180 Â°C @Load 5.00 kg	356 Â°F @Load 11.0 lb	

Processing Properties	Metric	English	Comments
Melt Temperature	230 - 250 Â°C	446 - 482 Â°F	
Mold Temperature	70.0 - 90.0 Â°C	158 - 194 Â°F	
Drying Temperature	120 - 130 Â°C @Time 10800 sec	248 - 266 Â°F @Time 3.00 hour	

Descriptive Properties	Value	Comments
ISO Shrinkage - Pressure	60 MPa	

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