

LATI Latimass 63-06 D025 PA66

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, Unreinforced

Material Notes:

Specific density compound based on Polyamide 66 (PA66). 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-63-06-D025-PA66.php

Physical Properties	Metric	English	Comments
Density	2.70 g/cc	0.0975 lb/in ³	
Linear Mold Shrinkage, Flow	0.0070 - 0.013 cm/cm	0.0070 - 0.013 in/in	
Linear Mold Shrinkage, Transverse	0.0070 - 0.013 cm/cm	0.0070 - 0.013 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	15.0 MPa	2180 psi	
Elongation at Break	7.0 %	7.0 %	
Tensile Modulus	1.90 GPa	276 ksi	
Charpy Impact Unnotched	3.00 J/cm ²	14.3 ft-lb/in ²	
Charpy Impact, Notched	0.300 J/cm ²	1.43 ft-lb/in ²	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	195 Â°C	383 Â°F	
Deflection Temperature at 1.8 MPa (264 psi)	145 Â°C	293 Â°F	
Vicat Softening Point	145 Â°C @Load 5.00 kg	293 Â°F @Load 11.0 lb	

Processing Properties	Metric	English	Comments
Melt Temperature	240 - 260 Â°C	464 - 500 Â°F	
Mold Temperature	60.0 - 80.0 Â°C	140 - 176 Â°F	
Drying Temperature	80.0 - 100 Â°C @Time 10800 sec	176 - 212 Â°F @Time 3.00 hour	

Descriptive Properties	Value	Comments
ISO Shrinkage - Pressure	60 MPa	

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