

LATI Latimass 62-05 D040 PA6

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, Unreinforced

Material Notes:

Specific density compound based on Polyamide 6 (PA6). 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-62-05-D040-PA6.php

Physical Properties	Metric	English	Comments
Density	4.50 g/cc	0.163 lb/in ³	
Linear Mold Shrinkage, Flow	0.0035 - 0.0065 cm/cm	0.0035 - 0.0065 in/in	
Linear Mold Shrinkage, Transverse	0.0030 - 0.0060 cm/cm	0.0030 - 0.0060 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	40.0 MPa	5800 psi	
Elongation at Break	0.40 %	0.40 %	
Tensile Modulus	13.0 GPa	1890 ksi	
Charpy Impact Unnotched	0.800 J/cm ²	3.81 ft-lb/in ²	
Charpy Impact, Notched	0.250 J/cm ²	1.19 ft-lb/in ²	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	185 °C	365 °F	
Deflection Temperature at 1.8 MPa (264 psi)	170 °C	338 °F	
Vicat Softening Point	200 °C @Load 5.00 kg	392 °F @Load 11.0 lb	

Processing Properties	Metric	English	Comments
Melt Temperature	240 - 280 °C	464 - 536 °F	
Mold Temperature	80.0 - 100 °C	176 - 212 °F	
Drying Temperature	90.0 - 100 °C @Time 10800 sec	194 - 212 °F @Time 3.00 hour	

Descriptive Properties	Value	Comments
ISO Shrinkage - Pressure	60 MPa	

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