

LATI Latimass 62-07 D025 PA6, Impact Modified

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , Impact Grade

Material Notes:

Specific density compound based on Polyamide 6 (PA6), impact modified. 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-62-07-D025-PA6-Impact-Modified.php

Physical Properties	Metric	English	Comments
Density	2.56 g/cc	0.0925 lb/in ³	
Linear Mold Shrinkage, Flow	0.0035 - 0.0055 cm/cm	0.0035 - 0.0055 in/in	
Linear Mold Shrinkage, Transverse	0.0040 - 0.0060 cm/cm	0.0040 - 0.0060 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	80.0 MPa	11600 psi	
Elongation at Break	1.5 %	1.5 %	
Tensile Modulus	11.4 GPa	1650 ksi	
Charpy Impact Unnotched	2.50 J/cm ²	11.9 ft-lb/in ²	
Charpy Impact, Notched	0.500 J/cm ²	2.38 ft-lb/in ²	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	1.70 W/m-K	11.8 BTU-in/hr-ft ² - °F	Longitudinal
Maximum Service Temperature, Air	90.0 °C	194 °F	
Deflection Temperature at 0.46 MPa (66 psi)	215 °C	419 °F	
Deflection Temperature at 1.8 MPa (264 psi)	190 °C	374 °F	
Vicat Softening Point	195 °C @Load 5.00 kg	383 °F @Load 11.0 lb	

Processing Properties	Metric	English	Comments
Melt Temperature	250 - 290 °C	482 - 554 °F	
Mold Temperature	80.0 - 100 °C	176 - 212 °F	

Processing Properties	90.0 - 100.0 °C Metric	194 - 212 °F English	Comments
Drying Temperature	@Time 10800 sec	@Time 3.00 hour	

Descriptive Properties	Value	Comments
ISO Shrinkage - Pressure	60 MPa	

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