

LATI Latimass 66-04 D009 PBT

Category : Polymer , Thermoplastic , Polyester, TP , Polybutylene Terephthalate (PBT) , Polybutylene Terephthalate (PBT), Unreinforced, Molded

Material Notes:

Specific density compound based on Polybutylene Terephthalate (PBT). 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-66-04-D009-PBT.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	
Linear Mold Shrinkage, Flow	0.011 - 0.014 cm/cm	0.011 - 0.014 in/in	
Linear Mold Shrinkage, Transverse	0.0105 - 0.0135 cm/cm	0.0105 - 0.0135 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	50.0 MPa	7250 psi	
Elongation at Break	2.0 %	2.0 %	
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)	240 Â°C	464 Â°F	
Deflection Temperature at 1.8 MPa (264 psi)	90.0 Â°C	194 Â°F	
Vicat Softening Point	250 Â°C @Load 5.00 kg	482 Â°F @Load 11.0 lb	

Processing Properties	Metric	English	Comments
Melt Temperature	270 - 290 Â°C	518 - 554 Â°F	
Mold Temperature	70.0 - 90.0 Â°C	158 - 194 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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