

LATI Latimass 47/7-04 D008 PP Copolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Copolymer

Material Notes:

Specific density compound based on Polypropylene copolymer (PPc). 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-477-04-D008-PP-Copolymer.php

Physical Properties	Metric	English	Comments
Density	0.780 g/cc	0.0282 lb/in ³	
Linear Mold Shrinkage, Flow	0.0070 - 0.011 cm/cm	0.0070 - 0.011 in/in	
Linear Mold Shrinkage, Transverse	0.0070 - 0.011 cm/cm	0.0070 - 0.011 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	8.00 MPa	1160 psi	
Elongation at Break	2.0 %	2.0 %	
Elongation at Yield	1.0 %	1.0 %	
Tensile Modulus	1.05 GPa	152 ksi	
Charpy Impact Unnotched	NB	NB	
Charpy Impact, Notched	0.500 J/cm ²	2.38 ft-lb/in ²	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	95.0 °C	203 °F	
Deflection Temperature at 1.8 MPa (264 psi)	60.0 °C	140 °F	
Vicat Softening Point	95.0 °C @Load 5.00 kg	203 °F @Load 11.0 lb	

Processing Properties	Metric	English	Comments
Melt Temperature	180 - 200 °C	356 - 392 °F	
Mold Temperature	40.0 - 60.0 °C	104 - 140 °F	
Drying Temperature	70.0 - 90.0 °C @Time 10800 sec	158 - 194 °F @Time 3.00 hour	

Processing Properties	Metric	English	Comments
Descriptive Properties		Value	Comments
ISO Shrinkage - Pressure		60 MPa	

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