

LATI Latimass 53-04 D008 PP Homopolymer, Impact Modified

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Impact Modified; Molded/Extruded

Material Notes:

Specific density compound based on Polypropylene homopolymer (PPh), 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-53-04-D008-PP-Homopolymer-Impact-Modified.php

Physical Properties	Metric	English	Comments
Density	0.780 g/cc	0.0282 lb/in ³	
Linear Mold Shrinkage, Flow	0.0125 - 0.0155 cm/cm	0.0125 - 0.0155 in/in	
Linear Mold Shrinkage, Transverse	0.012 - 0.015 cm/cm	0.012 - 0.015 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	5.00 MPa	725 psi	
Elongation at Break	20 %	20 %	
Elongation at Yield	1.5 %	1.5 %	
Tensile Modulus	1.05 GPa	152 ksi	
Charpy Impact Unnotched	0.600 J/cm ²	2.86 ft-lb/in ²	
Charpy Impact, Notched	0.130 J/cm ²	0.619 ft-lb/in ²	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	55.0 °C	131 °F	
Deflection Temperature at 1.8 MPa (264 psi)	40.0 °C	104 °F	
Vicat Softening Point	50.0 °C @Load 5.00 kg	122 °F @Load 11.0 lb	

Processing Properties	Metric	English	Comments
Melt Temperature	220 - 240 °C	428 - 464 °F	
Mold Temperature	40.0 - 60.0 °C	104 - 140 °F	
Drying Temperature	80.0 - 90.0 °C @Time 10800 sec	176 - 194 °F @Time 3.00 hour	

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

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