

LATI Latimass 52/11-01 D020 PP Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Specific density compound based on Polypropylene homopolymer (PPH). 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-5211-01-D020-PP-Homopolymer.php

Physical Properties	Metric	English	Comments
Density	2.05 g/cc	0.0741 lb/in ³	
Linear Mold Shrinkage, Flow	0.012 - 0.015 cm/cm	0.012 - 0.015 in/in	
Linear Mold Shrinkage, Transverse	0.0125 - 0.0155 cm/cm	0.0125 - 0.0155 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	15.0 MPa	2180 psi	
Elongation at Break	1.0 %	1.0 %	
Tensile Modulus	2.90 GPa	421 ksi	
Charpy Impact Unnotched	1.00 J/cm ²	4.76 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)	95.0 °C	203 °F	
Deflection Temperature at 1.8 MPa (264 psi)	65.0 °C	149 °F	
Vicat Softening Point	95.0 °C @Load 5.00 kg	203 °F @Load 11.0 lb	

Processing Properties	Metric	English	Comments
Melt Temperature	190 - 220 °C	374 - 428 °F	
Mold Temperature	50.0 - 70.0 °C	122 - 158 °F	
Drying Temperature	80.0 - 90.0 °C @Time 10800 sec	176 - 194 °F @Time 3.00 hour	

Descriptive Properties	Value	Comments
ISO Shrinkage - Pressure	60 MPa	

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