

LATI Latimass 52/35-04 D009 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-5235-04-D009-PP-Homopolymer.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	
Linear Mold Shrinkage, Flow	0.0105 - 0.0135 cm/cm	0.0105 - 0.0135 in/in	
Linear Mold Shrinkage, Transverse	0.010 - 0.013 cm/cm	0.010 - 0.013 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	15.0 MPa	2180 psi	
Elongation at Break	>= 100 %	>= 100 %	
Elongation at Yield	4.0 %	4.0 %	
Tensile Modulus	2.20 GPa	319 ksi	
Charpy Impact Unnotched	2.00 J/cm ²	9.52 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)	100 °C	212 °F	
Deflection Temperature at 1.8 MPa (264 psi)	60.0 °C	140 °F	
Vicat Softening Point	100 °C @Load 5.00 kg	212 °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	

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

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