

LATI Latiohm 66-08 PD02 G/35 PA66, 35% Glass Fiber Reinforced

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 40% Glass Fiber Filled

Material Notes:

Semiconductive/dissipative product based on Polyamide 66 (PA66). Glass fibers. 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-Latiohm-66-08-PD02-G35-PA66-35-Glass-Fiber-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.44 g/cc	0.0520 lb/in ³	
Linear Mold Shrinkage, Flow	0.0040 - 0.0060 cm/cm	0.0040 - 0.0060 in/in	
Linear Mold Shrinkage, Transverse	0.0075 - 0.0105 cm/cm	0.0075 - 0.0105 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	90.0 MPa	13100 psi	
Elongation at Break	4.0 %	4.0 %	
Tensile Modulus	7.90 GPa	1150 ksi	
Charpy Impact Unnotched	5.50 J/cm ²	26.2 ft-lb/in ²	
Charpy Impact, Notched	0.800 J/cm ²	3.81 ft-lb/in ²	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	250 Â°C	482 Â°F	
Deflection Temperature at 1.8 MPa (264 psi)	210 Â°C	410 Â°F	
Vicat Softening Point	230 Â°C @Load 5.00 kg	446 Â°F @Load 11.0 lb	

Electrical Properties	Metric	English	Comments
Volume Resistivity	6.00e+8 ohm-cm	6.00e+8 ohm-cm	
Surface Resistance	1.00e+8 ohm	1.00e+8 ohm	

Processing Properties	Metric	English	Comments
Melt Temperature	275 - 300 Â°C	527 - 572 Â°F	

Mold Temperature Processing Properties	80.0 - 100 Â°C Metric	176 - 212 Â°F English	Comments
Drying Temperature	90.0 - 100 Â°C @Time 10800 sec	194 - 212 Â°F @Time 3.00 hour	

Descriptive Properties	Value	Comments
ISO Shrinkage - Pressure	60 MPa	

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