

LATI Latiohm 66-10 H2 CNT G/35 PA66, 35% Glass Fiber Reinforced, Heat Stabilized

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

Material Notes:

Semiconductive/dissipative product based on Polyamide 66 (PA66). Heat stabilized. Carbon nanotubes. 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-66-10-H2-CNT-G35-PA66-35-Glass-Fiber-Reinforced-Heat-Stabilized.php

Physical Properties	Metric	English	Comments
Density	1.41 g/cc	0.0509 lb/in ³	
Linear Mold Shrinkage, Flow	0.0035 - 0.0055 cm/cm	0.0035 - 0.0055 in/in	
Linear Mold Shrinkage, Transverse	0.010 - 0.0135 cm/cm	0.010 - 0.0135 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	185 MPa	26800 psi	
Elongation at Break	2.5 %	2.5 %	
Tensile Modulus	11.5 GPa	1670 ksi	
Charpy Impact Unnotched	5.00 J/cm ²	23.8 ft-lb/in ²	
Charpy Impact, Notched	0.700 J/cm ²	3.33 ft-lb/in ²	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	260 °C	500 °F	
Deflection Temperature at 1.8 MPa (264 psi)	250 °C	482 °F	
Vicat Softening Point	255 °C @Load 5.00 kg	491 °F @Load 11.0 lb	

Electrical Properties	Metric	English	Comments
Volume Resistivity	2.00e+8 ohm-cm	2.00e+8 ohm-cm	
Surface Resistance	3.00e+7 ohm	3.00e+7 ohm	

Processing Properties	Metric	English	Comments
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Melt Temperature Processing Properties	275 - 300 °C Metric	527 - 572 °F English	Comments
Mold Temperature	70.0 - 90.0 °C	158 - 194 °F	
Drying Temperature	90.0 - 100 °C @Time 10800 sec	194 - 212 °F @Time 3.00 hour	

Descriptive Properties	Value	Comments
ISO Shrinkage - Pressure	60 MPa	

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