

LATI Latiohm 66-10 H2 CNT CE/10 PA66, 10% Mineral Fiber Reinforced, Heat Stabilized

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 10% Mineral Filled

Material Notes:

Semiconductive/dissipative product based on Polyamide 66 (PA66). Heat stabilized. Carbon nanotubes. Mineral 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-Latiohm-66-10-H2-CNT-CE10-PA66-10-Mineral-Fiber-Reinforced-Heat-Stabilized.php

Physical Properties	Metric	English	Comments
Density	1.238 g/cc	0.04473 lb/in ³	
Linear Mold Shrinkage, Flow	0.013 - 0.0165 cm/cm	0.013 - 0.0165 in/in	
Linear Mold Shrinkage, Transverse	0.013 - 0.0165 cm/cm	0.013 - 0.0165 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	90.0 MPa	13100 psi	
Elongation at Break	2.7 %	2.7 %	
Tensile Modulus	5.00 GPa	725 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)	235 °C	455 °F	
Deflection Temperature at 1.8 MPa (264 psi)	115 °C	239 °F	
Vicat Softening Point	245 °C @Load 5.00 kg	473 °F @Load 11.0 lb	

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

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com
Email : sales@lookpolymers.com
Tel : +86 021-51131842
Mobile : +86 13061808058
Skype : lookpolymers
Address : United North Road 215,Fengxian District, Shanghai City,China