

LATI Latishield 66-13A G/30 PA66, Steel/Glass Fiber Reinforced

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, Stainless Steel Filled; EMI Grade

Material Notes:

EMI shielding product based on Polyamide 66 (PA66). Steel fibers. 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-Latishield-66-13A-G30-PA66-SteelGlass-Fiber-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.56 g/cc	0.0564 lb/in ³	
Linear Mold Shrinkage, Flow	0.0045 - 0.0060 cm/cm	0.0045 - 0.0060 in/in	
Linear Mold Shrinkage, Transverse	0.010 - 0.0125 cm/cm	0.010 - 0.0125 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	90.0 MPa	13100 psi	
Elongation at Break	2.0 %	2.0 %	
Tensile Modulus	9.40 GPa	1360 ksi	
Charpy Impact Unnotched	4.00 J/cm ²	19.0 ft-lb/in ²	
Charpy Impact, Notched	0.600 J/cm ²	2.86 ft-lb/in ²	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	260 Â°C	500 Â°F	
Deflection Temperature at 1.8 MPa (264 psi)	245 Â°C	473 Â°F	
Vicat Softening Point	245 Â°C @Load 5.00 kg	473 Â°F @Load 11.0 lb	

Electrical Properties	Metric	English	Comments
Volume Resistivity	100 ohm-cm	100 ohm-cm	
Surface Resistance	10 ohm	10 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	194 - 212 Â°F	

Descriptive Properties	Value	Comments
Electromagnetic reflection	93 dB	
ISO Shrinkage - Pressure	60 MPa	

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