

LATI Latishield 66-10A G/15 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-66-10A-G15-PA66-SteelGlass-Fiber-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.37 g/cc	0.0495 lb/in ³	
Linear Mold Shrinkage, Flow	0.0045 - 0.0075 cm/cm	0.0045 - 0.0075 in/in	
Linear Mold Shrinkage, Transverse	0.0095 - 0.0125 cm/cm	0.0095 - 0.0125 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	70.0 MPa	10200 psi	
Elongation at Break	2.0 %	2.0 %	
Tensile Modulus	5.90 GPa	856 ksi	
Charpy Impact Unnotched	1.50 J/cm ²	7.14 ft-lb/in ²	
Charpy Impact, Notched	0.280 J/cm ²	1.33 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)	230 Â°C	446 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	200 ohm-cm	200 ohm-cm	
Surface Resistance	20 ohm	20 ohm	

Processing Properties	Metric	English	Comments
Melt Temperature	270 - 300 Â°C	518 - 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	

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