

LATI Latishield 38/11-08A G/10 ABS/PC, Steel/Glass Fiber Reinforced

Category : Polymer , Thermoplastic , ABS Polymer , PC/ABS + Stainless Steel , Polycarbonate (PC)

Material Notes:

EMI shielding product based on ABS/PC Blend (ABS/PC). 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-3811-08A-G10-ABSPC-SteelGlass-Fiber-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.26 g/cc	0.0455 lb/in ³	
Linear Mold Shrinkage, Flow	0.0055 - 0.0070 cm/cm	0.0055 - 0.0070 in/in	
Linear Mold Shrinkage, Transverse	0.0070 - 0.0090 cm/cm	0.0070 - 0.0090 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	70.0 MPa	10200 psi	
Elongation at Break	2.2 %	2.2 %	
Tensile Modulus	5.50 GPa	798 ksi	
Charpy Impact Unnotched	2.50 J/cm ²	11.9 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)	130 Â°C	266 Â°F	
Deflection Temperature at 1.8 MPa (264 psi)	120 Â°C	248 Â°F	
Vicat Softening Point	125 Â°C @Load 5.00 kg	257 Â°F @Load 11.0 lb	

Electrical Properties	Metric	English	Comments
Surface Resistance	100 ohm	100 ohm	

Processing Properties	Metric	English	Comments
Melt Temperature	240 - 260 Â°C	464 - 500 Â°F	
Mold Temperature	50.0 - 70.0 Â°C	122 - 158 Â°F	

Processing Properties	Metric	English	Comments
Descriptive Properties		Value	Comments
Electromagnetic reflection		92 dB	
ISO Shrinkage - Pressure		60 MPa	

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