

## LATI Latishield 66-10A H2 CETG/400 PA66, Steel/Glass Fiber Reinforced, Mineral Filled, Heat Stabilized

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. Heat stabilized. Glass fibers / 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-Latishield-66-10A-H2-CETG400-PA66-SteelGlass-Fiber-Reinforced-Mineral-Filled-Heat-Stabilized.php](http://www.lookpolymers.com/polymer_LATI-Latishield-66-10A-H2-CETG400-PA66-SteelGlass-Fiber-Reinforced-Mineral-Filled-Heat-Stabilized.php)

Physical Properties	Metric	English	Comments
Density	1.57 g/cc	0.0567 lb/in <sup>3</sup>	
Linear Mold Shrinkage, Flow	0.0050 - 0.0065 cm/cm	0.0050 - 0.0065 in/in	
Linear Mold Shrinkage, Transverse	0.0070 - 0.010 cm/cm	0.0070 - 0.010 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	100 MPa	14500 psi	
Elongation at Break	1.5 %	1.5 %	
Tensile Modulus	11.0 GPa	1600 ksi	
Charpy Impact Unnotched	2.00 J/cm <sup>2</sup>	9.52 ft-lb/in <sup>2</sup>	
Charpy Impact, Notched	0.400 J/cm <sup>2</sup>	1.90 ft-lb/in <sup>2</sup>	

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)	240 Â°C	464 Â°F	
Vicat Softening Point	245 Â°C	473 Â°F	
	@Load 5.00 kg	@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
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Processing Properties	Metric	English	Comments
Mold Temperature	80.0 - 100 Â°C	176 - 212 Â°F	
Drying Temperature	90.0 - 100 Â°C	194 - 212 Â°F	

Descriptive Properties	Value	Comments
Electromagnetic reflection	90 dB	
ISO Shrinkage - Pressure	60 MPa	

## Contact Songhan Plastic Technology Co.,Ltd.

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