

## LATI Latiohm 87/28-05 PD01 G/10 PC, 10% Glass Fiber Reinforced

Category : Polymer , Thermoplastic , Polycarbonate (PC) , Polycarbonate, 10% Glass Filled

### Material Notes:

Semiconductive/dissipative product based on Polycarbonate (PC). 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-Latiohm-8728-05-PD01-G10-PC-10-Glass-Fiber-Reinforced.php](http://www.lookpolymers.com/polymer_LATI-Latiohm-8728-05-PD01-G10-PC-10-Glass-Fiber-Reinforced.php)

Physical Properties	Metric	English	Comments
Density	1.28 g/cc	0.0462 lb/in <sup>3</sup>	
Linear Mold Shrinkage, Flow	0.0020 - 0.0035 cm/cm	0.0020 - 0.0035 in/in	
Linear Mold Shrinkage, Transverse	0.0035 - 0.0055 cm/cm	0.0035 - 0.0055 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	100 MPa	14500 psi	
Elongation at Break	1.8 %	1.8 %	
Tensile Modulus	7.50 GPa	1090 ksi	
Charpy Impact Unnotched	3.50 J/cm <sup>2</sup>	16.7 ft-lb/in <sup>2</sup>	
Charpy Impact, Notched	1.00 J/cm <sup>2</sup>	4.76 ft-lb/in <sup>2</sup>	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	145 Â°C	293 Â°F	
Deflection Temperature at 1.8 MPa (264 psi)	140 Â°C	284 Â°F	
Vicat Softening Point	150 Â°C @Load 5.00 kg	302 Â°F @Load 11.0 lb	

Electrical Properties	Metric	English	Comments
Volume Resistivity	3000 ohm-cm	3000 ohm-cm	
Surface Resistance	2000 ohm	2000 ohm	

Processing Properties	Metric	English	Comments
Melt Temperature	275 - 320 Â°C	527 - 608 Â°F	

Mold Temperature Processing Properties	100 - 120 Å°C Metric	212 - 248 Å°F English	Comments
Drying Temperature	110 - 130 Å°C @Time 10800 sec	230 - 266 Å°F @Time 3.00 hour	

Descriptive Properties	Value	Comments
ISO Shrinkage - Pressure	60 MPa	

## Contact Songhan Plastic Technology Co.,Ltd.

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