

## LATI Latiohm 57-05 PD01 G/15 PPA, 15% Glass Fiber Reinforced

Category : Polymer , Thermoplastic , Polyphthalamide (PPA) , Polyphthalamide (PPA), 20% Glass Fiber Reinforced

### Material Notes:

Semiconductive/dissipative product based on Semi-aromatic polyamide (PPA). 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-57-05-PD01-G15-PPA-15-Glass-Fiber-Reinforced.php](http://www.lookpolymers.com/polymer_LATI-Latiohm-57-05-PD01-G15-PPA-15-Glass-Fiber-Reinforced.php)

Physical Properties	Metric	English	Comments
Density	1.34 g/cc	0.0484 lb/in <sup>3</sup>	
Linear Mold Shrinkage, Flow	0.0035 - 0.0065 cm/cm	0.0035 - 0.0065 in/in	
Linear Mold Shrinkage, Transverse	0.0075 - 0.0105 cm/cm	0.0075 - 0.0105 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	190 MPa	27600 psi	
Elongation at Break	2.0 %	2.0 %	
Tensile Modulus	13.6 GPa	1970 ksi	
Charpy Impact Unnotched	3.50 J/cm <sup>2</sup>	16.7 ft-lb/in <sup>2</sup>	
Charpy Impact, Notched	0.350 J/cm <sup>2</sup>	1.67 ft-lb/in <sup>2</sup>	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	270 Â°C	518 Â°F	
Deflection Temperature at 1.8 MPa (264 psi)	260 Â°C	500 Â°F	
Vicat Softening Point	230 Â°C @Load 5.00 kg	446 Â°F @Load 11.0 lb	

Electrical Properties	Metric	English	Comments
Volume Resistivity	10000 ohm-cm	10000 ohm-cm	
Surface Resistance	10000 ohm	10000 ohm	

Processing Properties	Metric	English	Comments
Melt Temperature	320 - 340 Â°C	608 - 644 Â°F	

Mold Temperature Processing Properties	130 - 160 Â°C Metric	266 - 320 Â°F English	Comments
Drying Temperature	90.0 - 100 Â°C @Time 10800 sec	194 - 212 Â°F @Time 3.00 hour	

Descriptive Properties	Value	Comments
ISO Shrinkage - Pressure	60 MPa	

## Contact Songhan Plastic Technology Co.,Ltd.

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