

## LATI Laticonther 57 CPG/550 PPA, Glass Fiber Reinforced

Category : Polymer , Thermoplastic , Polyphthalamide (PPA) , Polyphthalamide (PPA), 50% Glass Fiber Reinforced

### Material Notes:

High thermal conductivity product based on Semi-aromatic polyamide (PPA). Special filler. 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-Laticonther-57-CPG550-PPA-Glass-Fiber-Reinforced.php](http://www.lookpolymers.com/polymer_LATI-Laticonther-57-CPG550-PPA-Glass-Fiber-Reinforced.php)

Physical Properties	Metric	English	Comments
Density	1.99 g/cc	0.0719 lb/in <sup>3</sup>	
Linear Mold Shrinkage, Flow	0.0030 - 0.0045 cm/cm	0.0030 - 0.0045 in/in	
Linear Mold Shrinkage, Transverse	0.0050 - 0.0065 cm/cm	0.0050 - 0.0065 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	70.0 MPa	10200 psi	
Elongation at Break	0.60 %	0.60 %	
Tensile Modulus	11.0 GPa	1600 ksi	
Charpy Impact Unnotched	1.00 J/cm <sup>2</sup>	4.76 ft-lb/in <sup>2</sup>	
Charpy Impact, Notched	0.200 J/cm <sup>2</sup>	0.952 ft-lb/in <sup>2</sup>	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	1.20 W/m-K	8.33 BTU-in/hr-ft <sup>2</sup> -°F	Longitudinal
Deflection Temperature at 0.46 MPa (66 psi)	120 °C	248 °F	
Deflection Temperature at 1.8 MPa (264 psi)	90.0 °C	194 °F	
Vicat Softening Point	100 °C @Load 5.00 kg	212 °F @Load 11.0 lb	

Electrical Properties	Metric	English	Comments
Surface Resistance	1.00e+12 ohm	1.00e+12 ohm	

Processing Properties	Metric	English	Comments
Melt Temperature	310 - 330 °C	590 - 626 °F	

Mold Temperature Processing Properties	140 - 160 °C Metric	284 - 320 °F English	Comments
Drying Temperature	120 - 130 °C @Time 10800 sec	248 - 266 °F @Time 3.00 hour	

Descriptive Properties	Value	Comments
ISO Shrinkage - Pressure	60 MPa	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China