

## LATI Latiohm 66-06 PD03 G/20 PA66, 20% Glass Fiber Reinforced

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 20% Glass Fiber Filled

### Material Notes:

Semiconductive/dissipative product based on Polyamide 66 (PA66). 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-66-06-PD03-G20-PA66-20-Glass-Fiber-Reinforced.php](http://www.lookpolymers.com/polymer_LATI-Latiohm-66-06-PD03-G20-PA66-20-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	0.0040 - 0.0055 cm/cm	0.0040 - 0.0055 in/in	
Linear Mold Shrinkage, Transverse	0.0090 - 0.012 cm/cm	0.0090 - 0.012 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	90.0 MPa	13100 psi	
	@Temperature 120 Å°C	@Temperature 248 Å°F	
	120 MPa	17400 psi	
	@Temperature 90.0 Å°C	@Temperature 194 Å°F	
	135 MPa	19600 psi	
	@Temperature 60.0 Å°C	@Temperature 140 Å°F	
Elongation at Break	180 MPa	26100 psi	
	@Temperature 23.0 Å°C	@Temperature 73.4 Å°F	
	2.5 %	2.5 %	
	@Temperature 23.0 Å°C	@Temperature 73.4 Å°F	
	3.6 %	3.6 %	
	@Temperature 60.0 Å°C	@Temperature 140 Å°F	
	5.1 %	5.1 %	
	@Temperature 90.0 Å°C	@Temperature 194 Å°F	
	5.9 %	5.9 %	
	@Temperature 120 Å°C	@Temperature 248 Å°F	

Mechanical Properties	Metric	English	Comments
Tensile Modulus	@Temperature 120 Å°C	@Temperature 248 Å°F	
	7.50 GPa	1090 ksi	
	@Temperature 90.0 Å°C	@Temperature 194 Å°F	
	9.10 GPa	1320 ksi	
	@Temperature 60.0 Å°C	@Temperature 140 Å°F	
	12.0 GPa	1740 ksi	
	@Temperature 23.0 Å°C	@Temperature 73.4 Å°F	
Charpy Impact Unnotched	4.50 J/cmÅ²	21.4 ft-lb/inÅ²	
Charpy Impact, Notched	0.700 J/cmÅ²	3.33 ft-lb/inÅ²	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	260 Å°C	500 Å°F	
Deflection Temperature at 1.8 MPa (264 psi)	245 Å°C	473 Å°F	
Vicat Softening Point	255 Å°C	491 Å°F	
	@Load 5.00 kg	@Load 11.0 lb	

Electrical Properties	Metric	English	Comments
Surface Resistance	130000 ohm	130000 ohm	

Processing Properties	Metric	English	Comments
Melt Temperature	275 - 300 Å°C	527 - 572 Å°F	
Mold Temperature	80.0 - 100 Å°C	176 - 212 Å°F	
Drying Temperature	90.0 - 100 Å°C	194 - 212 Å°F	
	@Time 10800 sec	@Time 3.00 hour	

Descriptive Properties	Value	Comments
ISO Shrinkage - Pressure	60 MPa	

Contact Songhan Plastic Technology Co.,Ltd.

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