

## LATI Latamid 66 H2 G/30 PA 66, 30% Glass Fiber Reinforced, Heat Stabilized

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 30% Glass Fiber Filled , Nylon 66, Glass Fiber Filled, Flame Retardant

### Material Notes:

Polyamide 66 (PA66) based compound. Heat stabilized. 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-Latamid-66-H2-G30-PA-66-30-Glass-Fiber-Reinforced-Heat-Stabilized.php](http://www.lookpolymers.com/polymer_LATI-Latamid-66-H2-G30-PA-66-30-Glass-Fiber-Reinforced-Heat-Stabilized.php)

Physical Properties	Metric	English	Comments
Density	1.36 g/cc	0.0491 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	85.0 MPa	12300 psi	
	@Temperature 150 Â°C	@Temperature 302 Â°F	
	100 MPa	14500 psi	
	@Temperature 120 Â°C	@Temperature 248 Â°F	
	110 MPa	16000 psi	
	@Temperature 90.0 Â°C	@Temperature 194 Â°F	
	135 MPa	19600 psi	
	@Temperature 60.0 Â°C	@Temperature 140 Â°F	
	175 MPa	25400 psi	
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	
Elongation at Break	3.2 %	3.2 %	
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	
	4.0 %	4.0 %	
	@Temperature 60.0 Â°C	@Temperature 140 Â°F	
	5.5 %	5.5 %	
	@Temperature 90.0 Â°C	@Temperature 194 Â°F	

Mechanical Properties	Metric	English	Comments
	@Temperature 120 Å°C	@Temperature 248 Å°F	
	6.5 %	6.5 %	
	@Temperature 150 Å°C	@Temperature 302 Å°F	
Tensile Modulus	4.40 GPa	638 ksi	
	@Temperature 150 Å°C	@Temperature 302 Å°F	
	5.50 GPa	798 ksi	
	@Temperature 120 Å°C	@Temperature 248 Å°F	
	7.40 GPa	1070 ksi	
	@Temperature 90.0 Å°C	@Temperature 194 Å°F	
	8.50 GPa	1230 ksi	
	@Temperature 60.0 Å°C	@Temperature 140 Å°F	
	9.40 GPa	1360 ksi	
	@Temperature 23.0 Å°C	@Temperature 73.4 Å°F	
Charpy Impact Unnotched	8.50 J/cmÅ²	40.4 ft-lb/inÅ²	
Charpy Impact, Notched	1.00 J/cmÅ²	4.76 ft-lb/inÅ²	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	130 Å°C	266 Å°F	
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	

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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