

LATI Latamid 66 H2 G/60 PA 66, 60% Glass Fiber Reinforced, Heat Stabilized

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 60% Glass Fiber Filled

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-G60-PA-66-60-Glass-Fiber-Reinforced-Heat-Stabilized.php

Physical Properties	Metric	English	Comments
Density	1.69 g/cc	0.0611 lb/in ³	
Linear Mold Shrinkage, Flow	0.0025 - 0.0055 cm/cm	0.0025 - 0.0055 in/in	
Linear Mold Shrinkage, Transverse	0.0060 - 0.0090 cm/cm	0.0060 - 0.0090 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	95.0 MPa	13800 psi	
	@Temperature 150 Â°C	@Temperature 302 Â°F	
	110 MPa	16000 psi	
	@Temperature 120 Â°C	@Temperature 248 Â°F	
	130 MPa	18900 psi	
	@Temperature 90.0 Â°C	@Temperature 194 Â°F	
	170 MPa	24700 psi	
	@Temperature 60.0 Â°C	@Temperature 140 Â°F	
	215 MPa	31200 psi	
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	
Elongation at Break	2.0 %	2.0 %	
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	
	3.0 %	3.0 %	
	@Temperature 60.0 Â°C	@Temperature 140 Â°F	
	3.5 %	3.5 %	
	@Temperature 90.0 Â°C	@Temperature 194 Â°F	

Mechanical Properties	Metric	English	Comments
	@Temperature 120 Â°C	@Temperature 248 Â°F	
	5.0 %	5.0 %	
	@Temperature 150 Â°C	@Temperature 302 Â°F	
Tensile Modulus	6.30 GPa	914 ksi	
	@Temperature 150 Â°C	@Temperature 302 Â°F	
	8.20 GPa	1190 ksi	
	@Temperature 120 Â°C	@Temperature 248 Â°F	
	10.5 GPa	1520 ksi	
	@Temperature 90.0 Â°C	@Temperature 194 Â°F	
	16.0 GPa	2320 ksi	
	@Temperature 60.0 Â°C	@Temperature 140 Â°F	
	21.0 GPa	3050 ksi	
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	
Charpy Impact Unnotched	7.00 J/cmÂ²	33.3 ft-lb/inÂ²	
Charpy Impact, Notched	1.00 J/cmÂ²	4.76 ft-lb/inÂ²	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	135 Â°C	275 Â°F	
Deflection Temperature at 0.46 MPa (66 psi)	260 Â°C	500 Â°F	
Deflection Temperature at 1.8 MPa (264 psi)	245 Â°C	473 Â°F	
Vicat Softening Point	255 Â°C	491 Â°F	
	@Load 5.00 kg	@Load 11.0 lb	
Flammability, UL94	HB	HB	
	@Thickness 0.750 mm	@Thickness 0.0295 in	

Processing Properties	Metric	English	Comments
Melt Temperature	280 - 310 Â°C	536 - 590 Â°F	
Mold Temperature	80.0 - 100 Â°C	176 - 212 Â°F	

Processing Properties	Metric ¹⁰⁰ Å°C	English ¹¹² Å°F	Comments
Drying Temperature	@Time 10800 sec	@Time 3.00 hour	

Descriptive Properties	Value	Comments
ISO Shrinkage - Pressure	60 MPa	

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