

LATI Latamid 66 H2E21 G/13 PA 66, 13% Glass Fiber Reinforced

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 10% Glass Fiber Filled

Material Notes:

Polyamide 66 (PA66) based compound. Heat stabilized. Toughened. Glass fibers. High impact resistance. Good impact resistance even at low temperature. 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-H2E21-G13-PA-66-13-Glass-Fiber-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.20 g/cc	0.0434 lb/in ³	
Linear Mold Shrinkage, Flow	0.0055 - 0.0085 cm/cm	0.0055 - 0.0085 in/in	
Linear Mold Shrinkage, Transverse	0.0105 - 0.0135 cm/cm	0.0105 - 0.0135 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	35.0 MPa	5080 psi	
	@Temperature 150 Â°C	@Temperature 302 Â°F	
	45.0 MPa	6530 psi	
	@Temperature 120 Â°C	@Temperature 248 Â°F	
	50.0 MPa	7250 psi	
Elongation at Break	@Temperature 90.0 Â°C	@Temperature 194 Â°F	
	70.0 MPa	10200 psi	
	@Temperature 60.0 Â°C	@Temperature 140 Â°F	
	100 MPa	14500 psi	
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	
	4.0 %	4.0 %	
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	
	6.5 %	6.5 %	
	@Temperature 60.0 Â°C	@Temperature 140 Â°F	
	10 %	10 %	

Mechanical Properties	@Temperature 150 Â°C Metric	@Temperature 302 Â°F English	Comments
	12 %	12 %	
	@Temperature 90.0 Â°C	@Temperature 194 Â°F	
	12 %	12 %	
	@Temperature 120 Â°C	@Temperature 248 Â°F	
Elongation at Yield	3.0 %	3.0 %	
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	
	4.0 %	4.0 %	
	@Temperature 60.0 Â°C	@Temperature 140 Â°F	
	7.0 %	7.0 %	
	@Temperature 150 Â°C	@Temperature 302 Â°F	
	7.5 %	7.5 %	
	@Temperature 90.0 Â°C	@Temperature 194 Â°F	
	8.0 %	8.0 %	
	@Temperature 120 Â°C	@Temperature 248 Â°F	
Tensile Modulus	1.50 GPa	218 ksi	
	@Temperature 150 Â°C	@Temperature 302 Â°F	
	1.70 GPa	247 ksi	
	@Temperature 120 Â°C	@Temperature 248 Â°F	
	2.10 GPa	305 ksi	
	@Temperature 90.0 Â°C	@Temperature 194 Â°F	
	3.70 GPa	537 ksi	
	@Temperature 60.0 Â°C	@Temperature 140 Â°F	
	4.60 GPa	667 ksi	
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	
Charpy Impact Unnotched	5.50 J/cmÂ²	26.2 ft-lb/inÂ²	
	@Temperature -20.0 Â°C	@Temperature -4.00 Â°F	

Mechanical Properties	Metric	English	Comments
	@Temperature 23.0 Å°C	@Temperature 73.4 Å°F	
Charpy Impact, Notched	0.400 J/cmÅ²	1.90 ft-lb/inÅ²	
	@Temperature -20.0 Å°C	@Temperature -4.00 Å°F	
	1.00 J/cmÅ²	4.76 ft-lb/inÅ²	
	@Temperature 23.0 Å°C	@Temperature 73.4 Å°F	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	90.0 Å°C	194 Å°F	
Deflection Temperature at 0.46 MPa (66 psi)	255 Å°C	491 Å°F	
Deflection Temperature at 1.8 MPa (264 psi)	230 Å°C	446 Å°F	
Vicat Softening Point	235 Å°C	455 Å°F	
	@Load 5.00 kg	@Load 11.0 lb	

Processing Properties	Metric	English	Comments
Melt Temperature	270 - 290 Å°C	518 - 554 Å°F	
Mold Temperature	70.0 - 90.0 Å°C	158 - 194 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.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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