

LATI Latamid 66 S/30 PA 66, 30% Glass Bead Reinforced

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, Glass Bead Filled

Material Notes:

Polyamide 66 (PA66) based compound. Glass beads. 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-S30-PA-66-30-Glass-Bead-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.39 g/cc	0.0502 lb/in ³	
Linear Mold Shrinkage, Flow	0.0090 - 0.012 cm/cm	0.0090 - 0.012 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	25.0 MPa	3630 psi	
	@Temperature 150 Â°C	@Temperature 302 Â°F	
	30.0 MPa	4350 psi	
	@Temperature 120 Â°C	@Temperature 248 Â°F	
	40.0 MPa	5800 psi	
	@Temperature 90.0 Â°C	@Temperature 194 Â°F	
	55.0 MPa	7980 psi	
	@Temperature 60.0 Â°C	@Temperature 140 Â°F	
	85.0 MPa	12300 psi	
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	
Elongation at Break	5.0 %	5.0 %	
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	
	15 %	15 %	
	@Temperature 60.0 Â°C	@Temperature 140 Â°F	
	20 %	20 %	
	@Temperature 90.0 Â°C	@Temperature 194 Â°F	

Mechanical Properties	Metric	English	Comments
	@Temperature 120 Å°C	@Temperature 248 Å°F	
	45 %	45 %	
	@Temperature 150 Å°C	@Temperature 302 Å°F	
Elongation at Yield	10 %	10 %	
	@Temperature 60.0 Å°C	@Temperature 140 Å°F	
	14 %	14 %	
	@Temperature 90.0 Å°C	@Temperature 194 Å°F	
	15 %	15 %	
	@Temperature 120 Å°C	@Temperature 248 Å°F	
	16 %	16 %	
	@Temperature 150 Å°C	@Temperature 302 Å°F	
Tensile Modulus	0.640 GPa	92.8 ksi	
	@Temperature 150 Å°C	@Temperature 302 Å°F	
	0.800 GPa	116 ksi	
	@Temperature 120 Å°C	@Temperature 248 Å°F	
	1.20 GPa	174 ksi	
	@Temperature 90.0 Å°C	@Temperature 194 Å°F	
	2.20 GPa	319 ksi	
	@Temperature 60.0 Å°C	@Temperature 140 Å°F	
	4.70 GPa	682 ksi	
	@Temperature 23.0 Å°C	@Temperature 73.4 Å°F	
Charpy Impact Unnotched	1.50 J/cmÅ²	7.14 ft-lb/inÅ²	
	@Temperature -20.0 Å°C	@Temperature -4.00 Å°F	
	2.00 J/cmÅ²	9.52 ft-lb/inÅ²	
	@Temperature 23.0 Å°C	@Temperature 73.4 Å°F	
Charpy Impact, Notched	0.0800 J/cmÅ²	0.381 ft-lb/inÅ²	
	@Temperature -20.0	@Temperature -4.00	

Mechanical Properties	°C Metric	°F English	Comments
	0.200 J/cm ²	0.952 ft-lb/in ²	
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	90.0 °C	194 °F	
Deflection Temperature at 0.46 MPa (66 psi)	230 °C	446 °F	
Deflection Temperature at 1.8 MPa (264 psi)	140 °C	284 °F	
Vicat Softening Point	225 °C	437 °F	
	@Load 5.00 kg	@Load 11.0 lb	

Processing Properties	Metric	English	Comments
Melt Temperature	275 - 300 °C	527 - 572 °F	
Mold Temperature	80.0 - 100 °C	176 - 212 °F	
Drying Temperature	90.0 - 100 °C	194 - 212 °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