

LATI Latamid 6 CUVHPX10 G/35 PA 6, 30% Glass Fiber Reinforced, Heat Stabilized

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, 30% Glass Fiber Filled

Material Notes:

Polyamide 6 (PA6) based compound. High viscosity. Toughened. Glass fibers. Heat stabilized. UV stabilized. Good elongation. 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-6-CUVHPX10-G35-PA-6-30-Glass-Fiber-Reinforced-Heat-Stabilized.php

Physical Properties	Metric	English	Comments
Density	1.36 g/cc	0.0491 lb/in ³	
Linear Mold Shrinkage, Flow	0.0035 - 0.0060 cm/cm	0.0035 - 0.0060 in/in	
Linear Mold Shrinkage, Transverse	0.0070 - 0.0095 cm/cm	0.0070 - 0.0095 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	55.0 MPa	7980 psi	
	@Temperature 150 Â°C	@Temperature 302 Â°F	
	65.0 MPa	9430 psi	
	@Temperature 120 Â°C	@Temperature 248 Â°F	
	80.0 MPa	11600 psi	
	@Temperature 90.0 Â°C	@Temperature 194 Â°F	
Elongation at Break	105 MPa	15200 psi	
	@Temperature 60.0 Â°C	@Temperature 140 Â°F	
	155 MPa	22500 psi	
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	
	3.0 %	3.0 %	
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	
	5.5 %	5.5 %	
	@Temperature 60.0 Â°C	@Temperature 140 Â°F	
	6.0 %	6.0 %	

Mechanical Properties	@Temperature 90.0 Metric °C	@Temperature 194 °F English	Comments
	6.5 %	6.5 %	
	@Temperature 120 °C	@Temperature 248 °F	
	7.0 %	7.0 %	
	@Temperature 150 °C	@Temperature 302 °F	
Elongation at Yield	3.0 %	3.0 %	
	@Temperature 23.0 °C	@Temperature 73.4 °F	
	5.0 %	5.0 %	
	@Temperature 60.0 °C	@Temperature 140 °F	
	5.8 %	5.8 %	
	@Temperature 90.0 °C	@Temperature 194 °F	
	6.0 %	6.0 %	
	@Temperature 120 °C	@Temperature 248 °F	
	6.0 %	6.0 %	
	@Temperature 150 °C	@Temperature 302 °F	
Tensile Modulus	3.20 GPa	464 ksi	
	@Temperature 150 °C	@Temperature 302 °F	
	3.60 GPa	522 ksi	
	@Temperature 120 °C	@Temperature 248 °F	
	4.60 GPa	667 ksi	
	@Temperature 90.0 °C	@Temperature 194 °F	
	6.10 GPa	885 ksi	
	@Temperature 60.0 °C	@Temperature 140 °F	
	9.30 GPa	1350 ksi	
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Charpy Impact Unnotched	6.00 J/cm ²	28.6 ft-lb/in ²	
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Mechanical Properties	Metric	English	Comments
	@Temperature -20.0 Â°C	@Temperature -4.00 Â°F	
Charpy Impact, Notched	0.650 J/cmÂ²	3.09 ft-lb/inÂ²	
	@Temperature -20.0 Â°C	@Temperature -4.00 Â°F	
	0.950 J/cmÂ²	4.52 ft-lb/inÂ²	
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	100 Â°C	212 Â°F	
Deflection Temperature at 0.46 MPa (66 psi)	220 Â°C	428 Â°F	
Deflection Temperature at 1.8 MPa (264 psi)	200 Â°C	392 Â°F	
Vicat Softening Point	215 Â°C	419 Â°F	
	@Load 5.00 kg	@Load 11.0 lb	

Electrical Properties	Metric	English	Comments
Comparative Tracking Index	600 V	600 V	A solution

Processing Properties	Metric	English	Comments
Melt Temperature	230 - 260 Â°C	446 - 500 Â°F	
Mold Temperature	70.0 - 90.0 Â°C	158 - 194 Â°F	
Drying Temperature	90.0 - 100 Â°C	194 - 212 Â°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