

LATI Latamid 6 H2 G/30-V0AF PA 6, 30% Glass Fiber Reinforced, Heat Stabilized, Flame Retardant

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

Material Notes:

Polyamide 6 (PA6) based compound. Heat stabilized. Glass fibers. UL94 V-0 classified, with brominated flame retardants, PBB/PBDE and antimony trioxide free. 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-H2-G30-V0AF-PA-6-30-Glass-Fiber-Reinforced-Heat-Stabilized-Flame-Retardant.php

Physical Properties	Metric	English	Comments
Density	1.66 g/cc	0.0600 lb/in ³	
Linear Mold Shrinkage, Flow	0.0030 - 0.0050 cm/cm	0.0030 - 0.0050 in/in	
Linear Mold Shrinkage, Transverse	0.0055 - 0.0075 cm/cm	0.0055 - 0.0075 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	40.0 MPa	5800 psi	
	@Temperature 150 Â°C	@Temperature 302 Â°F	
	50.0 MPa	7250 psi	
	@Temperature 120 Â°C	@Temperature 248 Â°F	
	65.0 MPa	9430 psi	
	@Temperature 90.0 Â°C	@Temperature 194 Â°F	
	90.0 MPa	13100 psi	
	@Temperature 60.0 Â°C	@Temperature 140 Â°F	
	130 MPa	18900 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	
	5.0 %	5.0 %	
	@Temperature 60.0 Â°C	@Temperature 140 Â°F	

Mechanical Properties	Metric	English	Comments
	@Temperature 90.0 Â°C	@Temperature 194 Â°F	
	7.5 %	7.5 %	
	@Temperature 120 Â°C	@Temperature 248 Â°F	
	8.0 %	8.0 %	
	@Temperature 150 Â°C	@Temperature 302 Â°F	
Tensile Modulus	3.60 GPa	522 ksi	
	@Temperature 150 Â°C	@Temperature 302 Â°F	
	4.30 GPa	624 ksi	
	@Temperature 120 Â°C	@Temperature 248 Â°F	
	5.30 GPa	769 ksi	
	@Temperature 90.0 Â°C	@Temperature 194 Â°F	
	7.80 GPa	1130 ksi	
	@Temperature 60.0 Â°C	@Temperature 140 Â°F	
	11.0 GPa	1600 ksi	
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	
Charpy Impact Unnotched	4.50 J/cmÂ²	21.4 ft-lb/inÂ²	
Charpy Impact, Notched	0.800 J/cmÂ²	3.81 ft-lb/inÂ²	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	115 Â°C	239 Â°F	
Deflection Temperature at 0.46 MPa (66 psi)	215 Â°C	419 Â°F	
Deflection Temperature at 1.8 MPa (264 psi)	190 Â°C	374 Â°F	
Vicat Softening Point	210 Â°C	410 Â°F	
	@Load 5.00 kg	@Load 11.0 lb	
Flammability, UL94	V-2	V-2	
	@Thickness 0.750 mm	@Thickness 0.0295 in	
	V-0	V-0	

Thermal Properties	@Thickness 3.00 mm Metric	@Thickness 0.118 in English	Comments
	V-0	V-0	
	@Thickness 1.50 mm	@Thickness 0.0591 in	
Oxygen Index	29 %	29 %	
Glow Wire Test	850 Â°C	1560 Â°F	GWIT
	@Thickness 1.00 mm	@Thickness 0.0394 in	
	850 Â°C	1560 Â°F	GWIT
	@Thickness 2.00 mm	@Thickness 0.0787 in	
	930 Â°C	1710 Â°F	GWFI/GWT
	@Thickness 1.00 mm	@Thickness 0.0394 in	
	960 Â°C	1760 Â°F	GWFI/GWT
	@Thickness 2.00 mm	@Thickness 0.0787 in	

Electrical Properties	Metric	English	Comments
Comparative Tracking Index	525 V	525 V	A solution

Processing Properties	Metric	English	Comments
Melt Temperature	240 - 260 Â°C	464 - 500 Â°F	
Mold Temperature	70.0 - 100 Â°C	158 - 212 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