

LATI Latilub 62-01M G/30 PA6, 30% Glass Fiber Reinforced

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

Material Notes:

Self-lubricating product based on Polyamide 6 (PA6). Molybdenum disulphide. 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-Latilub-62-01M-G30-PA6-30-Glass-Fiber-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.36 g/cc	0.0491 lb/in ³	
Linear Mold Shrinkage, Flow	0.0040 - 0.0055 cm/cm	0.0040 - 0.0055 in/in	
Linear Mold Shrinkage, Transverse	0.0075 - 0.010 cm/cm	0.0075 - 0.010 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	160 MPa	23200 psi	
Elongation at Break	3.0 %	3.0 %	
Tensile Modulus	8.80 GPa	1280 ksi	
Charpy Impact Unnotched	7.00 J/cm ²	33.3 ft-lb/in ²	
Charpy Impact, Notched	0.900 J/cm ²	4.28 ft-lb/in ²	
Coefficient of Friction, Dynamic	0.38	0.38	
Coefficient of Friction, Static	0.45	0.45	
K (wear) Factor	31.0 x 10 ⁻⁸ mm ³ /N-M	15.4 x 10 ⁻¹⁰ in ³ -min/ft-lb-hr	

Thermal Properties	Metric	English	Comments
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	210 Â°C	410 Â°F	
	@Load 5.00 kg	@Load 11.0 lb	
Flammability, UL94	HB	HB	
	@Thickness 1.50 mm	@Thickness 0.0591 in	

Processing Properties	Metric	English	Comments
Melt Temperature	240 - 280 Â°C	464 - 536 Â°F	
Mold Temperature	70.0 - 100 Â°C	158 - 212 Â°F	
Drying Temperature	90.0 - 100 Â°C @Time 10800 sec	194 - 212 Â°F @Time 3.00 hour	

Descriptive Properties	Value	Comments
ISO Shrinkage - Pressure	60 MPa	

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