

LATI Latilub 73/13-15T G/15 POM, 15% Glass Fiber Reinforced, PTFE Filled

Category : Polymer , Thermoplastic , Acetal (POM) , Acetal Copolymer + Glass/PTFE

Material Notes:

Self-lubricating product based on Polyoxymethylene (POM). PTFE. 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-7313-15T-G15-POM-15-Glass-Fiber-Reinforced-PTFE-Filled.php

Physical Properties	Metric	English	Comments
Density	1.60 g/cc	0.0578 lb/in ³	
Linear Mold Shrinkage, Flow	0.0070 - 0.010 cm/cm	0.0070 - 0.010 in/in	
Linear Mold Shrinkage, Transverse	0.013 - 0.016 cm/cm	0.013 - 0.016 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	65.0 MPa	9430 psi	
Elongation at Break	1.8 %	1.8 %	
Tensile Modulus	5.60 GPa	812 ksi	
Charpy Impact Unnotched	2.00 J/cm ²	9.52 ft-lb/in ²	
Charpy Impact, Notched	0.400 J/cm ²	1.90 ft-lb/in ²	
Coefficient of Friction, Dynamic	0.19	0.19	
Coefficient of Friction, Static	0.25	0.25	
K (wear) Factor	45.0 x 10 ⁻⁸ mm ³ /N-M	22.3 x 10 ⁻¹⁰ in ³ -min/ft-lb-hr	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	160 Â°C	320 Â°F	
Deflection Temperature at 1.8 MPa (264 psi)	155 Â°C	311 Â°F	
Vicat Softening Point	150 Â°C	302 Â°F	
	@Load 5.00 kg	@Load 11.0 lb	

Processing Properties	Metric	English	Comments
Melt Temperature	175 - 200 Â°C	347 - 392 Â°F	

Mold Temperature Processing Properties	70.0 - 90.0 Å°C Metric	158 - 194 Å°F English	Comments
Drying Temperature	80.0 - 90.0 Å°C @Time 10800 sec	176 - 194 Å°F @Time 3.00 hour	

Descriptive Properties	Value	Comments
ISO Shrinkage - Pressure	60 MPa	

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