

LATI Latilub 73/13-10T Y/15 POM, 15% Aramid Fiber Reinforced, PTFE Filled

Category : Polymer , Thermoplastic , Acetal (POM) , Acetal Copolymer, Aramid Fiber Filled , Acetal Copolymer, PTFE Filled

Material Notes:

Self-lubricating product based on Polyoxymethylene (POM). PTFE. Aramid 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-7313-10T-Y15-POM-15-Aramid-Fiber-Reinforced-PTFE-Filled.php

Physical Properties	Metric	English	Comments
Density	1.46 g/cc	0.0527 lb/in ³	
Linear Mold Shrinkage, Flow	0.0155 - 0.019 cm/cm	0.0155 - 0.019 in/in	
Linear Mold Shrinkage, Transverse	0.0165 - 0.020 cm/cm	0.0165 - 0.020 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	60.0 MPa	8700 psi	
Elongation at Break	6.0 %	6.0 %	
Elongation at Yield	4.5 %	4.5 %	
Tensile Modulus	3.30 GPa	479 ksi	
Charpy Impact Unnotched	3.50 J/cm ²	16.7 ft-lb/in ²	
Charpy Impact, Notched	0.500 J/cm ²	2.38 ft-lb/in ²	
Coefficient of Friction, Dynamic	0.13	0.13	
Coefficient of Friction, Static	0.18	0.18	
K (wear) Factor	3.90 x 10 ⁻⁸ mm ³ /N-M	1.94 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)	120 Â°C	248 Â°F	
Vicat Softening Point	140 Â°C @Load 5.00 kg	284 Â°F @Load 11.0 lb	

Processing Properties	Metric	English	Comments
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Melt Temperature Processing Properties	175 - 200 Â°C Metric	347 - 392 Â°F English	Comments
Mold Temperature	70.0 - 90.0 Â°C	158 - 194 Â°F	
Drying Temperature	80.0 - 90.0 Â°C @Time 10800 sec	176 - 194 Â°F @Time 3.00 hour	

Descriptive Properties	Value	Comments
ISO Shrinkage - Pressure	60 MPa	

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