

## LATI Latilub 62-10T PA6

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , Unreinforced

### Material Notes:

Self-lubricating product based on Polyamide 6 (PA6). PTFE. 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-62-10T-PA6.php](http://www.lookpolymers.com/polymer_LATI-Latilub-62-10T-PA6.php)

Physical Properties	Metric	English	Comments
Density	1.18 g/cc	0.0426 lb/in <sup>3</sup>	
Linear Mold Shrinkage, Flow	0.0095 - 0.0125 cm/cm	0.0095 - 0.0125 in/in	
Linear Mold Shrinkage, Transverse	0.010 - 0.0135 cm/cm	0.010 - 0.0135 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	65.0 MPa	9430 psi	
Elongation at Break	20 %	20 %	
Elongation at Yield	4.0 %	4.0 %	
Tensile Modulus	2.70 GPa	392 ksi	
Charpy Impact Unnotched	NB	NB	
Charpy Impact, Notched	0.300 J/cm <sup>2</sup>	1.43 ft-lb/in <sup>2</sup>	
Coefficient of Friction, Dynamic	0.22	0.22	
Coefficient of Friction, Static	0.25	0.25	
K (wear) Factor	9.30 x 10 <sup>-8</sup> mm <sup>3</sup> /N-M	4.62 x 10 <sup>-10</sup> in <sup>3</sup> -min/ft-lb-hr	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	170 Â°C	338 Â°F	
Deflection Temperature at 1.8 MPa (264 psi)	65.0 Â°C	149 Â°F	
Vicat Softening Point	195 Â°C	383 Â°F	
	@Load 5.00 kg	@Load 11.0 lb	

Processing Properties	Metric	English	Comments
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Melt Temperature Processing Properties	230 - 250 Â°C Metric	445 - 482 Â°F English	Comments
Mold Temperature	70.0 - 90.0 Â°C	158 - 194 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	

## Contact Songhan Plastic Technology Co.,Ltd.

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