

## LATI Latilub 66-02S PA66, Silicone Filled

Category : Polymer , Thermoplastic , Nylon , Nylon 66

### Material Notes:

Self-lubricating product based on Polyamide 66 (PA66). Silicone. 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-66-02S-PA66-Silicone-Filled.php](http://www.lookpolymers.com/polymer_LATI-Latilub-66-02S-PA66-Silicone-Filled.php)

Physical Properties	Metric	English	Comments
Density	1.13 g/cc	0.0408 lb/in <sup>3</sup>	
Linear Mold Shrinkage, Flow	0.012 - 0.015 cm/cm	0.012 - 0.015 in/in	
Linear Mold Shrinkage, Transverse	0.0125 - 0.0155 cm/cm	0.0125 - 0.0155 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	70.0 MPa	10200 psi	
Elongation at Break	30 %	30 %	
Elongation at Yield	5.0 %	5.0 %	
Tensile Modulus	3.00 GPa	435 ksi	
Charpy Impact Unnotched	NB	NB	
Charpy Impact, Notched	0.900 J/cm <sup>2</sup>	4.28 ft-lb/in <sup>2</sup>	
Coefficient of Friction, Dynamic	0.25	0.25	
Coefficient of Friction, Static	0.27	0.27	
K (wear) Factor	44.0 x 10 <sup>-8</sup> mm <sup>3</sup> /N-M	21.8 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)	215 Â°C	419 Â°F	
Deflection Temperature at 1.8 MPa (264 psi)	65.0 Â°C	149 Â°F	
Vicat Softening Point	240 Â°C	464 Â°F	
	@Load 5.00 kg	@Load 11.0 lb	

Processing Properties	Metric	English	Comments
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Melt Temperature Processing Properties	260 - 290 Å°C Metric	500 - 554 Å°F English	Comments
Mold Temperature	70.0 - 90.0 Å°C	158 - 194 Å°F	
Drying Temperature	90.0 - 100 Å°C @Time 10800 sec	194 - 212 Å°F @Time 3.00 hour	

Descriptive Properties	Value	Comments
ISO Shrinkage - Pressure	60 MPa	

## Contact Songhan Plastic Technology Co.,Ltd.

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