

LATI Latilub 73/13-10ST POM, Silicone/PTFE Filled

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

Material Notes:

Self-lubricating product based on Polyoxymethylene (POM). Silicone / 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-7313-10ST-POM-SiliconePTFE-Filled.php

Physical Properties	Metric	English	Comments
Density	1.43 g/cc	0.0517 lb/in ³	
Linear Mold Shrinkage, Flow	0.021 - 0.024 cm/cm	0.021 - 0.024 in/in	
Linear Mold Shrinkage, Transverse	0.0215 - 0.0235 cm/cm	0.0215 - 0.0235 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	50.0 MPa	7250 psi	
Elongation at Break	40 %	40 %	
Elongation at Yield	12 %	12 %	
Tensile Modulus	2.60 GPa	377 ksi	
Charpy Impact Unnotched	5.00 J/cm ²	23.8 ft-lb/in ²	
Charpy Impact, Notched	0.520 J/cm ²	2.47 ft-lb/in ²	
Coefficient of Friction, Dynamic	0.13	0.13	
Coefficient of Friction, Static	0.15	0.15	
K (wear) Factor	1.80 x 10 ⁻⁸ mm ³ /N-M	0.894 x 10 ⁻¹⁰ in ³ -min/ft-lb-hr	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	150 Â°C	302 Â°F	
Deflection Temperature at 1.8 MPa (264 psi)	100 Â°C	212 Â°F	
Vicat Softening Point	130 Â°C @Load 5.00 kg	266 Â°F @Load 11.0 lb	

Processing Properties	Metric	English	Comments
-----------------------	--------	---------	----------

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	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China