

LATI Lastane 50 PUR

Category : Polymer , Thermoplastic , Polyurethane, TP

Material Notes:

Polyurethane (PUR). Unfilled. Very good noise reduction. Good impact resistance even at low temperature. 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-Lastane-50-PUR.php

Physical Properties	Metric	English	Comments
Density	1.24 g/cc	0.0448 lb/in ³	
Linear Mold Shrinkage, Flow	0.0050 - 0.0070 cm/cm	0.0050 - 0.0070 in/in	
Linear Mold Shrinkage, Transverse	0.0050 - 0.0070 cm/cm	0.0050 - 0.0070 in/in	

Mechanical Properties	Metric	English	Comments
Elongation at Break	>= 100 % @Temperature 23.0 Â°C	>= 100 % @Temperature 73.4 Â°F	
Elongation at Yield	>= 100 % @Temperature 23.0 Â°C	>= 100 % @Temperature 73.4 Â°F	
Tensile Modulus	0.250 GPa @Temperature 23.0 Â°C	36.3 ksi @Temperature 73.4 Â°F	
Charpy Impact Unnotched	NB	NB	
Charpy Impact, Notched	NB	NB	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	50.0 Â°C	122 Â°F	

Processing Properties	Metric	English	Comments
Melt Temperature	200 - 220 Â°C	392 - 428 Â°F	
Mold Temperature	20.0 - 40.0 Â°C	68.0 - 104 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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