

LATI Latigray 66-01 CX/50 PA 66

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, Unreinforced

Material Notes:

Radiopaque compound based on Polyamide 66 (PA66). Special mineral filler. 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-Latigray-66-01-CX50-PA-66.php

Physical Properties	Metric	English	Comments
Density	1.78 g/cc	0.0643 lb/in ³	
Linear Mold Shrinkage, Flow	0.0090 - 0.013 cm/cm	0.0090 - 0.013 in/in	
Linear Mold Shrinkage, Transverse	0.010 - 0.014 cm/cm	0.010 - 0.014 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	65.0 MPa	9430 psi	
Elongation at Break	1.6 %	1.6 %	
Tensile Modulus	4.80 GPa	696 ksi	
Charpy Impact Unnotched	2.50 J/cm ²	11.9 ft-lb/in ²	
Charpy Impact, Notched	0.200 J/cm ²	0.952 ft-lb/in ²	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	240 Â°C	464 Â°F	
Deflection Temperature at 1.8 MPa (264 psi)	110 Â°C	230 Â°F	

Electrical Properties	Metric	English	Comments
Surface Resistance	1.00e+13 ohm	1.00e+13 ohm	

Processing Properties	Metric	English	Comments
Melt Temperature	280 - 300 Â°C	536 - 572 Â°F	
Mold Temperature	80.0 - 100 Â°C	176 - 212 Â°F	
Drying Temperature	80.0 - 100 Â°C @Time 10800 sec	176 - 212 Â°F @Time 3.00 hour	

Descriptive Properties	Value	Comments
ISO Shrinkage - Pressure	60 MPa	

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