

LATI Latistat 83-05 POM, Impact Modified

Category : Polymer , Thermoplastic , Acetal (POM) , Acetal Copolymer, Impact Modified

Material Notes:

Dissipative product based on Polyamide 12 (PA12), impact modified. Unfilled. 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-Latistat-83-05-POM-Impact-Modified.php

Physical Properties	Metric	English	Comments
Density	1.07 g/cc	0.0387 lb/in ³	
Linear Mold Shrinkage, Flow	0.0080 - 0.012 cm/cm	0.0080 - 0.012 in/in	
Linear Mold Shrinkage, Transverse	0.0080 - 0.012 cm/cm	0.0080 - 0.012 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	30.0 MPa	4350 psi	
Elongation at Break	85 %	85 %	
Elongation at Yield	8.0 %	8.0 %	
Tensile Modulus	1.70 GPa	247 ksi	
Charpy Impact Unnotched	6.00 J/cm ²	28.6 ft-lb/in ²	
Charpy Impact, Notched	0.500 J/cm ²	2.38 ft-lb/in ²	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	95.0 Â°C	203 Â°F	
Deflection Temperature at 1.8 MPa (264 psi)	40.0 Â°C	104 Â°F	
Vicat Softening Point	125 Â°C @Load 5.00 kg	257 Â°F @Load 11.0 lb	

Electrical Properties	Metric	English	Comments
Surface Resistance	260 ohm	260 ohm	

Processing Properties	Metric	English	Comments
Melt Temperature	180 - 210 Â°C	356 - 410 Â°F	

Mold Temperature Processing Properties	60.0 - 80.0 Â°C Metric	140 - 176 Â°F English	Comments
Drying Temperature	70.0 - 90.0 Â°C @Time 10800 sec	158 - 194 Â°F @Time 3.00 hour	

Descriptive Properties	Value	Comments
ISO Shrinkage - Pressure	60 MPa	

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