

LATI Latistat 47/7-03 PP Copolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Copolymer

Material Notes:

Dissipative product based on Polypropylene copolymer (PPc). 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-477-03-PP-Copolymer.php

Physical Properties	Metric	English	Comments
Density	1.00 g/cc	0.0361 lb/in ³	
Linear Mold Shrinkage, Flow	0.011 - 0.013 cm/cm	0.011 - 0.013 in/in	
Linear Mold Shrinkage, Transverse	0.012 - 0.014 cm/cm	0.012 - 0.014 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	25.0 MPa	3630 psi	
Elongation at Break	7.0 %	7.0 %	
Elongation at Yield	5.0 %	5.0 %	
Tensile Modulus	2.10 GPa	305 ksi	
Charpy Impact Unnotched	6.00 J/cm ²	28.6 ft-lb/in ²	
Charpy Impact, Notched	2.00 J/cm ²	9.52 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)	55.0 Â°C	131 Â°F	
Vicat Softening Point	95.0 Â°C @Load 5.00 kg	203 Â°F @Load 11.0 lb	

Electrical Properties	Metric	English	Comments
Surface Resistance	80 ohm	80 ohm	

Processing Properties	Metric	English	Comments
Melt Temperature	200 - 240 Â°C	392 - 464 Â°F	

Mold Temperature Processing Properties	40.0 - 60.0 Â°C Metric	104 - 140 Â°F English	Comments
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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