

LATI Latistat 36/MR-04 ABS

Category : Polymer , Thermoplastic , ABS Polymer

Material Notes:

Dissipative product based on Acrylonitrile-Butadiene-Styrene copolymer (ABS). 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-36MR-04-ABS.php

Physical Properties	Metric	English	Comments
Density	1.10 g/cc	0.0397 lb/in ³	
Linear Mold Shrinkage, Flow	0.0055 - 0.0075 cm/cm	0.0055 - 0.0075 in/in	
Linear Mold Shrinkage, Transverse	0.0060 - 0.0080 cm/cm	0.0060 - 0.0080 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	40.0 MPa	5800 psi	
Elongation at Break	2.5 %	2.5 %	
Elongation at Yield	2.0 %	2.0 %	
Tensile Modulus	3.10 GPa	450 ksi	
Charpy Impact Unnotched	1.00 J/cm ²	4.76 ft-lb/in ²	
Charpy Impact, Notched	0.120 J/cm ²	0.571 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)	85.0 Â°C	185 Â°F	
Vicat Softening Point	100 Â°C @Load 5.00 kg	212 Â°F @Load 11.0 lb	

Electrical Properties	Metric	English	Comments
Surface Resistance	5000 ohm	5000 ohm	

Processing Properties	Metric	English	Comments
Melt Temperature	190 - 230 Â°C	374 - 446 Â°F	

Mold Temperature Processing Properties	50.0 - 70.0 Å°C Metric	122 - 158 Å°F English	Comments
Drying Temperature	70.0 - 80.0 Å°C @Time 10800 sec	158 - 176 Å°F @Time 3.00 hour	

Descriptive Properties	Value	Comments
ISO Shrinkage - Pressure	60 MPa	

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