

LATI Latiohm 36/07 PD01 G/20 ABS, 20% Glass Fiber Reinforced

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS), 20% Glass Fiber Filled

Material Notes:

Semiconductive/dissipative product based on Acrylonitrile-Butadiene-Styrene copolymer (ABS). Glass fibers. 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-Latiohm-3607-PD01-G20-ABS-20-Glass-Fiber-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.35 g/cc	0.0488 lb/in ³	
Linear Mold Shrinkage, Flow	0.0030 - 0.0045 cm/cm	0.0030 - 0.0045 in/in	
Linear Mold Shrinkage, Transverse	0.0050 - 0.0070 cm/cm	0.0050 - 0.0070 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	85.0 MPa	12300 psi	
Elongation at Break	1.2 %	1.2 %	
Tensile Modulus	12.2 GPa	1770 ksi	
Charpy Impact Unnotched	1.50 J/cm ²	7.14 ft-lb/in ²	
Charpy Impact, Notched	0.400 J/cm ²	1.90 ft-lb/in ²	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	100 °C	212 °F	
Deflection Temperature at 1.8 MPa (264 psi)	95.0 °C	203 °F	
Vicat Softening Point	100 °C @Load 5.00 kg	212 °F @Load 11.0 lb	

Electrical Properties	Metric	English	Comments
Volume Resistivity	500000 ohm-cm	500000 ohm-cm	
Surface Resistance	1e+05	1e+05	

Processing Properties	Metric	English	Comments
Melt Temperature	220 - 250 °C	428 - 482 °F	

Mold Temperature Processing Properties	50.0 - 80.0 Å°C Metric	122 - 176 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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