

LATI Latiohm 73-09 PD01 G/20 POM, 20% Glass Fiber Reinforced

Category : Polymer , Thermoplastic , Acetal (POM) , Acetal Copolymer, 20% Glass Fiber Reinforced

Material Notes:

Semiconductive/dissipative product based on Polyoxymethylene (POM). 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-73-09-PD01-G20-POM-20-Glass-Fiber-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.55 g/cc	0.0560 lb/in ³	
Linear Mold Shrinkage, Flow	0.0040 - 0.0065 cm/cm	0.0040 - 0.0065 in/in	
Linear Mold Shrinkage, Transverse	0.010 - 0.013 cm/cm	0.010 - 0.013 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	110 MPa	16000 psi	
Elongation at Break	1.5 %	1.5 %	
Tensile Modulus	12.0 GPa	1740 ksi	
Charpy Impact Unnotched	2.00 J/cm ²	9.52 ft-lb/in ²	
Charpy Impact, Notched	0.600 J/cm ²	2.86 ft-lb/in ²	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	165 Â°C	329 Â°F	
Deflection Temperature at 1.8 MPa (264 psi)	160 Â°C	320 Â°F	
Vicat Softening Point	155 Â°C @Load 5.00 kg	311 Â°F @Load 11.0 lb	

Electrical Properties	Metric	English	Comments
Volume Resistivity	4000 ohm-cm	4000 ohm-cm	
Surface Resistance	1600 ohm	1600 ohm	

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

Mold Temperature Processing Properties	70.0 - 90.0 Â°C Metric	158 - 194 Â°F English	Comments
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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