

LATI Latiohm 75/4-08 PD01 G/30 PBT, 30% Glass Fiber Reinforced

Category : Polymer , Thermoplastic , Polyester, TP , Polybutylene Terephthalate (PBT) , Polybutylene Terephthalate (PBT), 30% Glass Fiber Filled

Material Notes:

Semiconductive/dissipative product based on Polybutylene Terephthalate (PBT). 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-754-08-PD01-G30-PBT-30-Glass-Fiber-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.55 g/cc	0.0560 lb/in ³	
Linear Mold Shrinkage, Flow	0.0020 - 0.0050 cm/cm	0.0020 - 0.0050 in/in	
Linear Mold Shrinkage, Transverse	0.0075 - 0.0105 cm/cm	0.0075 - 0.0105 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	145 MPa	21000 psi	
Elongation at Break	1.5 %	1.5 %	
Tensile Modulus	15.0 GPa	2180 ksi	
Charpy Impact Unnotched	4.00 J/cm ²	19.0 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)	220 °C	428 °F	
Deflection Temperature at 1.8 MPa (264 psi)	210 °C	410 °F	
Vicat Softening Point	215 °C @Load 5.00 kg	419 °F @Load 11.0 lb	

Electrical Properties	Metric	English	Comments
Surface Resistance	120 ohm	120 ohm	

Processing Properties	Metric	English	Comments
Melt Temperature	240 - 260 °C	464 - 500 °F	
Mold Temperature	70.0 - 110 °C	158 - 230 °F	

Processing Properties	120 - 130 °C	248 - 266 °F	
Drying Temperature	Metric	English	Comments
	@Time 10800 sec	@Time 3.00 hour	

Descriptive Properties	Value	Comments
ISO Shrinkage - Pressure	60 MPa	

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