

LATI Latiohm 63-08 PD02 G/25 PA6, 25% Glass Fiber Reinforced

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , 20% Glass Fiber Filled

Material Notes:

Dissipative product based on Polyamide 6 (PA6), impact modified. 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-63-08-PD02-G25-PA6-25-Glass-Fiber-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.26 g/cc	0.0455 lb/in ³	
Linear Mold Shrinkage, Flow	0.0045 - 0.0060 cm/cm	0.0045 - 0.0060 in/in	
Linear Mold Shrinkage, Transverse	0.0065 - 0.0090 cm/cm	0.0065 - 0.0090 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	65.0 MPa	9430 psi	
Elongation at Break	2.5 %	2.5 %	
Tensile Modulus	6.10 GPa	885 ksi	
Charpy Impact Unnotched	4.00 J/cm ²	19.0 ft-lb/in ²	
Charpy Impact, Notched	1.00 J/cm ²	4.76 ft-lb/in ²	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	195 Â°C	383 Â°F	
Deflection Temperature at 1.8 MPa (264 psi)	145 Â°C	293 Â°F	
Vicat Softening Point	145 Â°C @Load 5.00 kg	293 Â°F @Load 11.0 lb	
Flammability, UL94	HB @Thickness 3.00 mm	HB @Thickness 0.118 in	
	HB @Thickness 1.50 mm	HB @Thickness 0.0591 in	
	HB @Thickness 0.750 mm	HB @Thickness 0.0295 in	

Electrical Properties	Metric	English	Comments
Surface Resistance	1.00e+9 ohm	1.00e+9 ohm	

Processing Properties	Metric	English	Comments
Melt Temperature	240 - 280 Â°C	464 - 536 Â°F	
Mold Temperature	60.0 - 90.0 Â°C	140 - 194 Â°F	
Drying Temperature	90.0 - 100 Â°C @Time 10800 sec	194 - 212 Â°F @Time 3.00 hour	

Descriptive Properties	Value	Comments
ISO Shrinkage - Pressure	60 MPa	

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