

LATI Latistat 62-08 PA6

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , Unreinforced

Material Notes:

Dissipative product based on Polyamide 6 (PA6). 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-62-08-PA6.php

Physical Properties	Metric	English	Comments
Density	1.20 g/cc	0.0434 lb/in ³	
Linear Mold Shrinkage, Flow	0.0105 - 0.0135 cm/cm	0.0105 - 0.0135 in/in	
Linear Mold Shrinkage, Transverse	0.0115 - 0.014 cm/cm	0.0115 - 0.014 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	3.60 GPa	522 ksi	
Charpy Impact Unnotched	2.50 J/cm ²	11.9 ft-lb/in ²	
Charpy Impact, Notched	0.200 J/cm ²	0.952 ft-lb/in ²	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	185 Â°C	365 Â°F	
Deflection Temperature at 1.8 MPa (264 psi)	95.0 Â°C	203 Â°F	
Vicat Softening Point	205 Â°C @Load 5.00 kg	401 Â°F @Load 11.0 lb	

Electrical Properties	Metric	English	Comments
Surface Resistance	2.00e+8 ohm	2.00e+8 ohm	

Processing Properties	Metric	English	Comments
Melt Temperature	230 - 260 Â°C	446 - 500 Â°F	
Mold Temperature	70.0 - 90.0 Â°C	158 - 194 Â°F	

Processing Properties	90.0 - 100.0 °C Metric	194 - 212 °F English	Comments
	@Time 10800 sec	@Time 3.00 hour	

Descriptive Properties	Value	Comments
ISO Shrinkage - Pressure	60 MPa	

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