

LATI Latamid 66 MDT05-01 PA 66

Category : Polymer , Thermoplastic , Nylon , Nylon 66

Material Notes:

Polyamide 66 (PA66) based compound. Magnetic detectable filler. 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-Latamid-66-MDT05-01-PA-66.php

Physical Properties	Metric	English	Comments
Density	1.36 g/cc	0.0491 lb/in ³	
Linear Mold Shrinkage, Flow	0.0060 - 0.010 cm/cm	0.0060 - 0.010 in/in	
Linear Mold Shrinkage, Transverse	0.0060 - 0.010 cm/cm	0.0060 - 0.010 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	55.0 MPa @Temperature 23.0 Â°C	7980 psi @Temperature 73.4 Â°F	
Elongation at Break	12 % @Temperature 23.0 Â°C	12 % @Temperature 73.4 Â°F	
Elongation at Yield	5.0 %	5.0 %	
Tensile Modulus	2.80 GPa @Temperature 23.0 Â°C	406 ksi @Temperature 73.4 Â°F	
Charpy Impact Unnotched	NB	NB	
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)	250 Â°C	482 Â°F	
Deflection Temperature at 1.8 MPa (264 psi)	230 Â°C	446 Â°F	
Vicat Softening Point	250 Â°C @Load 5.00 kg	482 Â°F @Load 11.0 lb	

Processing Properties	Metric	English	Comments
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Processing Properties	Metric ^{90 Â°C}	English ^{194 Â°F}	Comments
Mold Temperature	80.0 - 100 Â°C	176 - 212 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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