

Latamid 66 MDT05-01

Polyamide 66

LATI S.p.A.

Message:

Polyamide 66 (PA66) based compound.
Magnetic detectable filler.

General Information			
Filler / Reinforcement	Filler		
Physical	Nominal Value	Unit	Test Method
Density	1.36	g/cm ³	ISO 1183
Molding Shrinkage ¹			ISO 294-4
Across Flow : 2.00 mm	0.60 to 1.0	%	
Flow : 2.00 mm	0.60 to 1.0	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	2800	MPa	ISO 527-2/1
Tensile Stress			ISO 527-2/5
Yield, 23°C	55.0	MPa	
Break, 23°C	55.0	MPa	
Tensile Strain			ISO 527-2/5
Yield, 23°C	5.0	%	
Break, 23°C	12	%	
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	6.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	250	°C	ISO 75-2/B
1.8 MPa, Unannealed	230	°C	ISO 75-2/A
Vicat Softening Temperature	250	°C	ISO 306/B50
Injection	Nominal Value	Unit	
Drying Temperature	90.0 to 100	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	270 to 290	°C	
Mold Temperature	80.0 to 100	°C	
Injection Rate	Moderate		
NOTE			
1.	60 MPa		

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