Latimass 66-04 D009

Polyamide 66

LATI S.p.A.

Message:

Specific density compound based on Polyamide 66 (PA 66).

General Information			
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm³	ISO 1183
Molding Shrinkage [1]			ISO 294-4
Across Flow : 2.00 mm	1.1 to 1.4	%	
Flow : 2.00 mm	1.1 to 1.4	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	3400	MPa	ISO 527-2/1
Tensile Stress (Break, 23°C)	50.0	MPa	ISO 527-2/5
Tensile Strain (Break, 23°C)	2.0	%	ISO 527-2/5
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	1.2	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	10	kJ/m²	ISO 179/1eU
Notched Izod Impact (23°C, 3.20 mm)	15	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	240	°C	ISO 75-2/B
1.8 MPa, Unannealed	90.0	°C	ISO 75-2/A
Vicat Softening Temperature	250	°C	ISO 306/B50
Injection	Nominal Value	Unit	
Drying Temperature	80.0 to 100	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	270 to 290	°C	
Mold Temperature	70.0 to 90.0	°C	
Injection Rate	Moderate		
NOTE			
1.	at 60 Mpa of cavity pressure		

Recommended distributors for this material

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