

Latimass 47/7-04 D008

Polypropylene Copolymer

LATI S.p.A.

Message:

Specific density compound based on Polypropylene copolymer (PPc).
Special filler.

General Information			
Filler / Reinforcement	Filler		
Features	Copolymer		
Physical	Nominal Value	Unit	Test Method
Density	0.780	g/cm ³	ISO 1183
Molding Shrinkage ¹			ISO 294-4
Across Flow : 2.00 mm	0.70 to 1.1	%	
Flow : 2.00 mm	0.70 to 1.1	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	1000	MPa	ISO 527-2/1
Tensile Stress			ISO 527-2/5
Yield, 23°C	10.0	MPa	
Break, 23°C	8.00	MPa	
Tensile Strain			ISO 527-2/5
Yield, 23°C	1.0	%	
Break, 23°C	2.0	%	
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	5.0	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	95.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	60.0	°C	ISO 75-2/A
Vicat Softening Temperature	95.0	°C	ISO 306/B50
Injection	Nominal Value	Unit	
Drying Temperature	70.0 to 90.0	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	180 to 200	°C	
Mold Temperature	40.0 to 60.0	°C	
Injection Rate	Slow-Moderate		
NOTE			

1. 60 MPa

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Recommended distributors for this material

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