

Latimass 53-04 D009

Polypropylene Homopolymer

LATI S.p.A.

Message:

Specific density compound based on Polypropylene homopolymer (PPh), toughened.

General Information			
Additive	Impact Modifier		
Features	Homopolymer		
	Impact Modified		
Physical	Nominal Value	Unit	Test Method
Density	0.850	g/cm ³	ISO 1183
Molding Shrinkage ¹			ISO 294-4
Across Flow : 2.00 mm	1.3 to 1.6	%	
Flow : 2.00 mm	1.3 to 1.6	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	900	MPa	ISO 527-2/1
Tensile Stress			ISO 527-2/5
Yield, 23°C	8.00	MPa	
Break, 23°C	8.00	MPa	
Tensile Strain			ISO 527-2/5
Yield, 23°C	6.0	%	
Break, 23°C	55	%	
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	12	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179/1eU
Notched Izod Impact (23°C, 3.20 mm)	160	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	55.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	40.0	°C	ISO 75-2/A
Vicat Softening Temperature	50.0	°C	ISO 306/B50
Injection	Nominal Value	Unit	
Drying Temperature	80.0 to 90.0	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	220 to 240	°C	
Mold Temperature	40.0 to 60.0	°C	
Injection Rate	Moderate		
NOTE			

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