

Latistat 52/7-02 MI/30

Polypropylene Homopolymer

LATI S.p.A.

Message:

Dissipative product based on Polypropylene homopolymer (PPh).

Mica filler.

General Information			
Filler / Reinforcement	Mica,30% Filler by Weight		
Features	Homopolymer		
Physical	Nominal Value	Unit	Test Method
Density	1.22	g/cm ³	ISO 1183
Molding Shrinkage ¹			ISO 294-4
Across Flow : 2.00 mm	0.85 to 1.1	%	
Flow : 2.00 mm	0.80 to 1.0	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	5200	MPa	ISO 527-2/1
Tensile Stress (Break, 23°C)	30.0	MPa	ISO 527-2/5
Tensile Strain			ISO 527-2/5
Yield, 23°C	1.5	%	
Break, 23°C	3.0	%	
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	1.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	10	kJ/m ²	ISO 179/1eU
Notched Izod Impact (23°C, 3.20 mm)	25	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	140	°C	ISO 75-2/B
1.8 MPa, Unannealed	95.0	°C	ISO 75-2/A
Vicat Softening Temperature	110	°C	ISO 306/B50
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	8.0E+2	ohms	ASTM D257
Injection	Nominal Value	Unit	
Drying Temperature	80.0 to 90.0	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	200 to 240	°C	
Mold Temperature	40.0 to 60.0	°C	
Injection Rate	Moderate		
NOTE			
1.	at 60 Mpa of cavity pressure		

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