

Latene® EP 22UVH2 MX/25

Polypropylene Copolymer

LATI S.p.A.

Message:

Compound based on Polypropylene copolymer (PPc). UV and thermally stabilised. Special mineral filler.
Very good surface appearance. Good toughness properties.

General Information			
Filler / Reinforcement	Mineral,25% Filler by Weight		
Additive	Heat Stabilizer		
	UV Stabilizer		
Features	Good Toughness		
	Heat Stabilized		
	Pleasing Surface Appearance		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.13	g/cm ³	ISO 1183
Molding Shrinkage			ISO 294-4
Across Flow	1.3 to 1.6	%	
Flow	1.3 to 1.6	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	2500	MPa	ISO 527-2
Tensile Stress (Break, 23°C)	20.0	MPa	ISO 527-2
Tensile Strain (Yield, 23°C)	8.0	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	10	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	100	kJ/m ²	ISO 179/1eU
Notched Izod Impact (23°C)	50	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	105	°C	ISO 75-2/B
1.8 MPa, Unannealed	55.0	°C	ISO 75-2/A
Continuous Use Temperature	110	°C	
Vicat Softening Temperature	80.0	°C	ISO 306/B50
CLTE - Flow (30 to 100°C)	5.0E-5	cm/cm/°C	ASTM D696
Electrical	Nominal Value	Unit	Test Method
Comparative Tracking Index (Solution A)	400	V	IEC 60112
Additional Information	Nominal Value	Unit	Test Method

Mold Shrinkage Pressure	60.0	MPa	ISO 294-4
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	Fast		

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