

Latene® EP 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	Copolymer		
	Good Surface Finish		
	Good Toughness		
	Heat Stabilized		
Physical	Nominal Value	Unit	Test Method
Density	1.13	g/cm ³	ISO 1183
Molding Shrinkage ¹			ISO 294-4
Across Flow : 2.00 mm	1.2 to 1.5	%	
Flow : 2.00 mm	1.1 to 1.4	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus			ISO 527-2/1
23°C	2500	MPa	
60°C	1000	MPa	
90°C	500	MPa	
Tensile Stress			ISO 527-2/5
Yield, 23°C	25.0	MPa	
Yield, 60°C	20.0	MPa	
Yield, 90°C	10.0	MPa	
Tensile Strain			ISO 527-2/5
Yield, 23°C	8.0	%	
Yield, 60°C	10	%	
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, 3.20 mm)	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 ²	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 ³ (Solution A)	400	V	IEC 60112
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		
NOTE			
1.	at 60 Mpa of cavity pressure		
2.	20,000 hr		
3.	Without Surfactant		

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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