

Latene® 7 TR-V2

Polypropylene Homopolymer

LATI S.p.A.

Message:

Compound based on Polypropylene homopolymer (PPh).

Mineral filler. UL94 V-2 classified, halogens free. Product UL certified.

Good surface appearance.

General Information			
UL YellowCard	E54080-244066		
Filler / Reinforcement	Mineral		
Features	Good Surface Finish		
	Halogen Free		
	Homopolymer		

Physical	Nominal Value	Unit	Test Method
Density	0.970	g/cm ³	ISO 1183
Molding Shrinkage ¹			ISO 294-4
Across Flow : 2.00 mm	1.4 to 1.7	%	
Flow : 2.00 mm	1.4 to 1.7	%	

Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus			ISO 527-2/1
23°C	2200	MPa	
60°C	950	MPa	
90°C	550	MPa	
Tensile Stress			ISO 527-2/5
Yield, 23°C	30.0	MPa	
Yield, 60°C	20.0	MPa	
Yield, 90°C	10.0	MPa	
Break, 23°C	25.0	MPa	
Tensile Strain			ISO 527-2/5
Yield, 23°C	6.0	%	
Yield, 60°C	8.0	%	
Yield, 90°C	9.0	%	
Break, 23°C	25	%	

Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-20°C	0.30	kJ/m ²	
23°C	1.5	kJ/m ²	
Charpy Unnotched Impact Strength			ISO 179/1eU
-20°C	15	kJ/m ²	

23°C	50	kJ/m ²	
Notched Izod Impact (23°C, 3.20 mm)	45	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	110	°C	ISO 75-2/B
1.8 MPa, Unannealed	60.0	°C	ISO 75-2/A
Continuous Use Temperature ²	90.0	°C	
Vicat Softening Temperature	100	°C	ISO 306/B50
CLTE - Flow (30 to 100°C)	4.5E-5	cm/cm/°C	ASTM D696
Electrical	Nominal Value	Unit	Test Method
Comparative Tracking Index ³ (Solution A)	600	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
0.750 mm	V-2		
1.50 mm	V-2		
3.00 mm	V-2		
Glow Wire Flammability Index			IEC 60695-2-12
1.00 mm	960	°C	
2.00 mm	960	°C	
Oxygen Index	29	%	ASTM D2863
Injection	Nominal Value	Unit	
Drying Temperature	80.0 to 90.0	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	180 to 220	°C	
Mold Temperature	20.0 to 40.0	°C	
Injection Rate	Moderate		
NOTE			
1.	at 60 Mpa of cavity pressure		
2.	20,000 hr		
3.	Without Surfactant		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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



WECHAT