

Lastilac 11 G/10

Polycarbonate + ABS

LATI S.p.A.

Message:

ABS/PC Blend (ABS/PC) based compound.

Glass fibres. Good surface appearance. Good impact resistance. Good thermal properties.

General Information			
Filler / Reinforcement	Glass Fiber,10% Filler by Weight		
Features	Good Impact Resistance		
	Good Surface Finish		
Physical	Nominal Value	Unit	Test Method
Density	1.19	g/cm ³	ISO 1183
Molding Shrinkage ¹			ISO 294-4
Across Flow : 2.00 mm	0.50 to 0.70	%	
Flow : 2.00 mm	0.45 to 0.65	%	
Water Absorption (23°C, 24 hr)	0.040	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus			ISO 527-2/1
23°C	3900	MPa	
60°C	3600	MPa	
90°C	3300	MPa	
120°C	1300	MPa	
Tensile Stress			ISO 527-2/5
Yield, 60°C	50.0	MPa	
Yield, 90°C	30.0	MPa	
Yield, 120°C	15.0	MPa	
Break, 23°C	60.0	MPa	
Break, 60°C	50.0	MPa	
Break, 90°C	23.0	MPa	
Break, 120°C	5.00	MPa	
Tensile Strain			ISO 527-2/5
Yield, 60°C	2.0	%	
Yield, 90°C	2.0	%	
Yield, 120°C	2.0	%	
Break, 23°C	2.5	%	
Break, 60°C	3.0	%	
Break, 90°C	6.0	%	
Break, 120°C	70	%	

Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-20°C	12	kJ/m ²	
23°C	15	kJ/m ²	
Charpy Unnotched Impact Strength			ISO 179/1eU
-20°C	35	kJ/m ²	
23°C	25	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	130	°C	ISO 75-2/B
1.8 MPa, Unannealed	115	°C	ISO 75-2/A
Continuous Use Temperature ²	115	°C	
Vicat Softening Temperature	130	°C	ISO 306/B50
CLTE - Flow (30 to 100°C)	2.0E-5	cm/cm/°C	ISO 11359-2
Electrical	Nominal Value	Unit	Test Method
Comparative Tracking Index (Solution A)	350	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating (3.00 mm)	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	80.0 to 100	°C	
Drying Time	3.0	hr	
Suggested Max Regrind	15	%	
Processing (Melt) Temp	240 to 260	°C	
Mold Temperature	50.0 to 70.0	°C	
Injection Rate	Moderate		
NOTE			
1.	60 MPa		
2.	20,000 hr		

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