

Lastilac 10

Polycarbonate + ABS

LATI S.p.A.

Message:

ABS/PC.

Very good brightness and surface appearance. Very good impact resistance. Fair thermal resistance.

General Information			
Features	Good Impact Resistance		
	Good Surface Finish		
	High Gloss		
	Medium Heat Resistance		
Physical	Nominal Value	Unit	Test Method
Density	1.12	g/cm ³	ISO 1183
Molding Shrinkage ¹			ISO 294-4
Across Flow : 2.00 mm	0.55 to 0.75	%	
Flow : 2.00 mm	0.55 to 0.75	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus			ISO 527-2/1
23°C	2500	MPa	
60°C	2200	MPa	
90°C	1900	MPa	
Tensile Stress			ISO 527-2/5
Yield, 23°C	60.0	MPa	
Yield, 60°C	50.0	MPa	
Yield, 90°C	25.0	MPa	
Break, 23°C	55.0	MPa	
Break, 60°C	45.0	MPa	
Break, 90°C	20.0	MPa	
Tensile Strain			ISO 527-2/5
Yield, 23°C	5.0	%	
Yield, 60°C	4.0	%	
Yield, 90°C	6.0	%	
Break, 23°C	40	%	
Break, 60°C	45	%	
Break, 90°C	55	%	
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	65	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179/1eU

Notched Izod Impact (23°C, 3.20 mm)	650	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	105	°C	ISO 75-2/A
Continuous Use Temperature ²	75.0	°C	
Vicat Softening Temperature	110	°C	ISO 306/B50
CLTE - Flow (30 to 100°C)	3.0E-5	cm/cm/°C	ASTM D696
Electrical	Nominal Value	Unit	Test Method
Comparative Tracking Index ³ (Solution A)	250	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	25	%	ASTM D2863
Injection	Nominal Value	Unit	
Drying Temperature	80.0 to 100	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	230 to 250	°C	
Mold Temperature	50.0 to 70.0	°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

