

Latigea B01 L/07

Polylactic Acid

LATI S.p.A.

Message:

Bio-Polymer (PLA, PHB, ...) based compound.
Wood flour.

General Information			
Filler / Reinforcement	Wood Flour		
Features	Renewable Resource Content		
Physical	Nominal Value	Unit	Test Method
Density	1.24	g/cm ³	ISO 1183
Molding Shrinkage ¹			ISO 294-4
Across Flow : 2.00 mm	0.20 to 0.60	%	
Flow : 2.00 mm	0.15 to 0.55	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	3500	MPa	ISO 527-2/1
Tensile Stress			ISO 527-2/5
Yield, 23°C	60.0	MPa	
Break, 23°C	60.0	MPa	
Tensile Strain			ISO 527-2/5
Yield, 23°C	2.3	%	
Break, 23°C	3.5	%	
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	1.5	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	15	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	55.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	55.0	°C	ISO 75-2/A
Vicat Softening Temperature	60.0	°C	ISO 306/B50
Injection	Nominal Value	Unit	
Drying Temperature	40.0 to 50.0	°C	
Drying Time	6.0	hr	
Processing (Melt) Temp	170 to 190	°C	
Mold Temperature	15.0 to 30.0	°C	
Injection Rate	Moderate		
NOTE			
1.	60 MPa		

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

