

## LATI Latigea B02 H6 Bio-Polymer

Category : Polymer , Thermoplastic , Polylactic Acid (PLA) Biopolymer

**Material Notes:**

Bio-Polymer (PLA, PHB, ...). Unfilled. Improved thermal stability. Availability: Africa & Middle East; Asia Pacific; Europe; Latin America; North America  
Information provided by Lati Industria Termoplastici S.p.A.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_LATI-Latigea-B02-H6-Bio-Polymer.php](http://www.lookpolymers.com/polymer_LATI-Latigea-B02-H6-Bio-Polymer.php)

Physical Properties	Metric	English	Comments
Density	1.33 g/cc	0.0480 lb/in <sup>3</sup>	
Linear Mold Shrinkage, Flow	0.0020 - 0.0060 cm/cm	0.0020 - 0.0060 in/in	
Linear Mold Shrinkage, Transverse	0.0020 - 0.0060 cm/cm	0.0020 - 0.0060 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	60.0 MPa	8700 psi	
Elongation at Break	1.3 %	1.3 %	
Tensile Modulus	5.60 GPa	812 ksi	
Charpy Impact Unnotched	3.50 J/cm <sup>2</sup>	16.7 ft-lb/in <sup>2</sup>	
Charpy Impact, Notched	0.350 J/cm <sup>2</sup>	1.67 ft-lb/in <sup>2</sup>	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	125 °C	257 °F	
Deflection Temperature at 1.8 MPa (264 psi)	70.0 °C	158 °F	
Vicat Softening Point	115 °C @Load 5.00 kg	239 °F @Load 11.0 lb	

Processing Properties	Metric	English	Comments
Melt Temperature	170 - 190 °C	338 - 374 °F	
Mold Temperature	95.0 - 110 °C	203 - 230 °F	
Drying Temperature	40.0 - 60.0 °C @Time 10800 sec	104 - 140 °F @Time 3.00 hour	

Descriptive Properties	Value	Comments
ISO Shrinkage - Pressure	60 MPa	

## Contact Songhan Plastic Technology Co.,Ltd.

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