

NaturePlast PLI 013

Polylactic Acid

NaturePlast

Message:

PLA polymers (or Polylactic acid) are thermoplastic resins made from renewable vegetal resources and are certified as compostable in agreement with standards in use.

Some of our PLA grades are certified as GMO free.

PLA can be processed on standard equipments.

Markets : food packaging, cosmetics, horticulture, medical, technical parts...

Properties

Transparent, the most economical...

Thermal resistance, flexibility and barrier properties to improve...

High temperature

General Information			
Features	Barrier Resin		
	Compostable		
	Good Flexibility		
	High Heat Resistance		
	Renewable Resource Content		
Uses	Cosmetics		
	Engineering Parts		
	Food Packaging		
	Lawn and Garden Equipment		
	Medical/Healthcare Applications		
Appearance	Opaque		
Forms	Pellets		
Processing Method	Injection Blow Molding		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.27	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	6.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4000	MPa	ISO 527-2
Tensile Strain (Break)	3.0	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	89	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	123	°C	ISO 75-2/B

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

