

NaturePlast PLI 012

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...

Blowing

General Information	
Features	Barrier Resin
	Compostable
	Good Flexibility
	Renewable Resource Content
Uses	Cosmetics
	Engineering Parts
	Food Packaging
	Lawn and Garden Equipment
	Medical/Healthcare Applications
Appearance	Clear/Transparent
Forms	Pellets
Processing Method	Injection Blow Molding
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Density	1.24	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	5.0 to 15	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3300	MPa	ISO 527-2
Tensile Strain (Break)	3.0	%	ISO 527-2

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