

NaturePlast NPC 101

Thermoplastic Polyester

NaturePlast

Message:

Compounds are blends of various bioplastic resins, additives and/or natural fibres in order to improve initial material properties.

The parameters that we attempt to improve are mechanical, thermal or transformation performances.

Markets : food or industrial packaging, cosmetics, horticulture, technical pieces, sport and leisure, aesthetic parts...

Properties

Improvement of flexibility, thermal properties, or impact resistance.

Flexible Biopolyester

General Information	
Features	Good Flexibility
Uses	Cosmetics
	Engineering Parts
	Food Packaging
	Industrial Applications
	Lawn and Garden Equipment
	Packaging
	Sporting Goods
Appearance	Opaque
Forms	Pellets
Processing Method	Film Extrusion
	Profile Extrusion
	Sheet Extrusion
	Thermoforming

Physical	Nominal Value	Unit	Test Method
Density	1.21	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (160°C/2.16 kg)	5.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	94.0	MPa	ISO 527-2
Tensile Strain (Break)	> 590	%	ISO 527-2

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