

# NaturePlast NPC 201

Polylactic Acid

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.  
High temperature PLA

General Information			
Features	High Heat Resistance		
	Renewable Resource Content		
Uses	Cosmetics		
	Engineering Parts		
	Food Packaging		
	Industrial Applications		
	Lawn and Garden Equipment		
	Packaging		
	Sporting Goods		
Appearance	Opaque		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	9.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	5480	MPa	ISO 527-2
Tensile Strain (Break)	3.0	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	14	kJ/m²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	127	°C	ISO 306/A

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Recommended distributors for this material

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