

NaturePlast NP DU 203

Polyamide 1012

NaturePlast

Message:

The R&D progress allows today to produce some of the conventional polymers partially or totally from vegetable resources and no longer from fossil resources.

BioPA grades commercialized by NaturePlast have the same properties as the conventional PA and can be transformed on plastic processing standard equipments.

Markets: automotive, technical parts, packaging, textiles, etc.

Properties

Properties similar to oil based PA.

Processing easiness.

Recyclable in existing PA streams.

General Information			
Features	Good Processability		
	Recyclable Material		
	Renewable Resource Content		
Uses	Automotive Applications		
	Engineering Parts		
	Packaging		
	Textile Applications		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.03	g/cm ³	ISO 1183
Viscosity Number	160	cm ³ /g	ISO 307
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1300	MPa	ISO 527-2
Tensile Strain (Break)	> 50	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	No Break		ISO 179
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	154	°C	ISO 306/B
Additional Information	Nominal Value	Unit	Test Method
Biobased Content	45 to 100	%	ASTM D6866

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