

MAJ'ECO FN000E - 8229

Biodegradable Polymers

AD majoris

Message:

MAJ'ECO FN000E-8229 is a bio polymer compound intended for injection moulding. This compound is black colored.
MAJ'ECO FN000E-8229 has a C-biobased content above 90%.

APPLICATIONS

- Product such as:
- Caps and closures
 - Packaging
 - Housewares

General Information			
Features	Updatable resources		
	Recyclable materials		
Uses	Packaging		
	Shield		
	Household goods		
	Shell		
Appearance	Black		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.960	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	18	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	920	MPa	ISO 527-2/1
Tensile Stress (Break)	24.0	MPa	ISO 527-2/50
Tensile Strain (Break)	8.5	%	ISO 527-2/50
Flexural Modulus	870	MPa	ISO 178
Flexural Stress ¹	27.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	3.6	kJ/m ²	ISO 179
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	74.0	°C	ISO 75-2/A
Injection	Nominal Value	Unit	
Processing (Melt) Temp	170 - 180	°C	
Mold Temperature	20.0 - 45.0	°C	

Injection instructions

Holding pressure: 50 to 70% of the injection pressure

NOTE

1. at Break

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Recommended distributors for this material

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