MAJ'ECO FE010E - 8229

Biodegradable Polymers

AD majoris

Message:

MAJ'ECO FE010E-8229 is a bio polymer compound intended for injection moulding. This compound has been elastomer modified, and is black colored.
MAJ'ECO FE010E-8229 has a C-biobased content above 90%.
APPLICATIONS
Product such as:
Caps and closures
Packaging
Housewares

General Information			
Additive	Impact modifier		
Features	Impact modification 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/cm³	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	760	MPa	ISO 527-2/1
Tensile Stress (Break)	20.0	MPa	ISO 527-2/50
Tensile Strain (Break)	10	%	ISO 527-2/50
Flexural Modulus	670	MPa	ISO 178
Flexural Stress [1]	26.0	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength (23°C)	5.2	kJ/m²	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	

Recommended distributors for this material

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WECHAT