MAJ'ECO EN000LA

Biodegradable Polymers

AD majoris

Message:

MAJ'ECO EN000LA is a bio polymer material intended for injection moulding.
MAJ'ECO EN000LA has been developed especially for demanding applications in various engineering sectors.
APPLICATIONS
Product such as:
Boxes
Racks
Technical components

General Information			
Features	Updatable resources Recyclable materials		
Uses	Bracket		
Forms	Particle		
Processing Method	Injection molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.25	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	15	g/10 min	ASTM D1238
Molding Shrinkage	4.0E-3	%	Internal method
Films	**Nominal Value**	**Unit**	**Test Method**
Elastic Modulus - MD [1]	3500	MPa	ASTM D882
Tensile Strength - MD [2]			ASTM D882
Yield	48.0	MPa	ASTM D882
Fracture	52.0	MPa	ASTM D882
Tensile Elongation - MD [3] (Break)	3.0	%	ASTM D882
Impact	**Nominal Value**	**Unit**	**Test Method**
Unnotched Izod Impact	16	J/m	ASTM D256
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature (1.8 MPa, Unannealed)	50.0	°C	ISO 75-2/A
Melting Temperature (DSC)	150	°C	ISO 3146
Injection	**Nominal Value**	**Unit**	
Drying Temperature	45.0	°C	
Drying Time	4.0	hr	
Processing (Melt) Temp	170 - 200	°C	
Mold Temperature	20.0 - 40.0	°C	
Injection Rate	Moderate		
Injection instructions			

Holding pressure: 50 to 70% of the injection pressure	
NOTE	
1.	1.0 mm/min
2.	50 mm/min
3.	50 mm/min

Recommended distributors for this material

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