MAJ'ECO EN030LA

Biodegradable Polymers

AD majoris

Message:

MAJ'ECO EN030LA is a bio polymer material intended for injection moulding..
MAJ'ECO EN030LA 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	1.28	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	11	g/10 min	ASTM D1238
Molding Shrinkage	0.10 - 0.40	%	Internal method
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	3600	MPa	ASTM D638
Tensile Strength (Break)	50.0	MPa	ASTM D638
Tensile Elongation (Break)	5.0	%	ASTM D638
Flexural Modulus	3350	MPa	ASTM D790
Flexural Strength	80.0	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Unnotched Izod Impact	32	J/m	ASTM D256
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (1.8 MPa, Unannealed)	45.0	°C	ASTM D648
Injection	**Nominal Value**	**Unit**	
Drying Temperature	50.0	°C	
Drying Time	4.0	hr	
Processing (Melt) Temp	160 - 200	°C	
Mold Temperature	15.0 - 30.0	°C	
Injection Rate	Moderate		

Injection instructions
Holding pressure: 50 to 70% of the injection pressure

Recommended distributors for this material

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