MAJ'ECO DP300MLA

Biodegradable Polymers

AD majoris

Message:

MAJ'ECO DP300MLA is a natural fibre bio polymer compound intended for injection moulding.
MAJ'ECO DP300MLA has been developed especially for demanding applications in various engineering sectors.
APPLICATIONS
Product such as:
Boxes
Racks
Technical components

General Information			
Filler / Reinforcement	Natural fiber reinforced material		
Features	Updatable resources Recyclable materials		
Uses	Bracket		
Forms	Particle		
Processing Method	Injection molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	8.0	g/10 min	ISO 1133
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	7000	MPa	ISO 527-2/1
Tensile Stress (Yield)	63.0	MPa	ISO 527-2/50
Flexural Modulus [1]	5000	MPa	ISO 178
Flexural Stress [2]	104	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength (23°C)	3.6	kJ/m^2	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	13	kJ/m^2	ISO 179/1eU
Flammability	**Nominal Value**		**Test Method**
Flame Rating	HB		UL 94
Injection	**Nominal Value**	**Unit**	
Drying Temperature	50.0	°C	
Drying Time	4.0	hr	
Processing (Melt) Temp	170 - 190	°C	
Mold Temperature	20.0 - 50.0	°C	
Injection Rate	Moderate		
Injection instructions			
Holding pressure: 50 to 70% of the injection pressure			
NOTE			

1.	2.0 mm/min
2.	at Yield

Recommended distributors for this material

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