

MAJ'ECO EB600BS

Biodegradable Polymers

AD majoris

Message:

MAJ'ECO EB600BS is a biodegradable polymer (Biodeg Polymers) product, which contains natural fiber reinforcement. It can be processed by injection molding and is available in Europe.

Features include:

flame retardant/rated flame

environmental protection/green

General Information			
Filler / Reinforcement	Natural fiber reinforced material		
Features	Updatable resources		
	Recyclable materials		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	2.10	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ISO 1133
Molding Shrinkage (2.00 mm)	4.0E-3	%	Internal method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	7800	MPa	ISO 527-2/1
Tensile Stress (Break)	56.0	MPa	ISO 527-2/50
Flexural Modulus ¹	4750	MPa	ISO 178
Flexural Stress	76.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	3.0	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	180 - 190	°C	
Mold Temperature	15.0 - 35.0	°C	
Injection Rate	Moderate		
Injection instructions			
Holding pressure: 50 to 70% of the injection pressure			
NOTE			
1. 2.0 mm/min			

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Recommended distributors for this material

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