

MAJ'ECO DP363W

Polypropylene Copolymer

AD majoris

Message:

MAJ'ECO DP363W is a 30% wood fibre reinforced polypropylene compound, fulfilling the food contact regulation requirements and intended for injection moulding.

MAJ'ECO DP363W has been developed especially for demanding applications in various engineering sectors.

APPLICATIONS

Product such as:

Boxes

Racks

Technical components

General Information			
Filler / Reinforcement	Wood fiber, 30% filler by weight		
Features	Copolymer		
	Updatable resources		
	Recyclable materials		
	Compliance of Food Exposure		
Uses	Bracket		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.995	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.0	g/10 min	ISO 1133
Molding Shrinkage (2.00 mm)	1.1	%	Internal method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3200	MPa	ISO 527-2/1
Tensile Stress (Break)	29.0	MPa	ISO 527-2/50
Tensile Strain (Break)	3.0	%	ISO 527-2/50
Flexural Modulus ¹	2600	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength (23°C)	18	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	144	°C	ISO 75-2/B
1.8 MPa, not annealed	103	°C	ISO 75-2/A
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	100	°C	

Drying Time	4.0	hr
Processing (Melt) Temp	150 - 190	°C
Mold Temperature	30.0 - 50.0	°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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