

MAJ'ECO CEP460W

Polypropylene Copolymer

AD majoris

Message:

MAJ'ECO CEP460W is a 40% wood fibre reinforced polypropylene compound intended for injection moulding.

MAJ'ECO CEP460W has been developed especially for demanding applications in various engineering sectors.

MAJ'ECO CEP460W is modified elastomer.

APPLICATIONS

Product such as:

Boxes

Racks

Technical components

General Information			
Filler / Reinforcement	Wood fiber, 40% filler by weight		
Additive	Impact modifier		
Features	Impact modification		
	Copolymer		
	Updatable resources		
	Recyclable materials		
Uses	Bracket		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.03	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.5	g/10 min	ISO 1133
Molding Shrinkage (2.00 mm)	1.0	%	Internal method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1190	MPa	ISO 527-2/1
Tensile Stress (Break)	20.0	MPa	ISO 527-2/50
Tensile Strain (Break)	7.2	%	ISO 527-2/50
Flexural Modulus ¹	1450	MPa	ISO 178
Flexural Stress ²	37.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	7.5	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	26	kJ/m ²	ISO 179/1eU
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
2. 2.0 mm/min

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Recommended distributors for this material

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