

# MAJ'ECO EP304B

Polypropylene

AD majoris

## Message:

MAJ'ECO EP304B is a vegetal fibre polypropylene compound intended for injection moulding.

MAJ'ECO EP304B has been developed especially for demanding applications in various engineering sectors.

MAJ'ECO EP304B is UV stabilised.

## APPLICATIONS

Product such as:

Boxes

Racks

Technical components

General Information			
Filler / Reinforcement	Natural fiber reinforced material		
Additive	UV stabilizer		
Features	Good UV resistance		
	Updatable resources		
	Recyclable materials		
Uses	Bracket		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.00	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4100	MPa	ISO 527-2/1
Tensile Stress (Yield)	40.0	MPa	ISO 527-2/50
Flexural Modulus <sup>1</sup>	3850	MPa	ISO 178
Flexural Stress <sup>2</sup>	73.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	3.5	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	10	kJ/m²	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. | at Yield   |

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#### Recommended distributors for this material

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