

# MAJ'ECO EP187L

Polypropylene Copolymer

AD majoris

## Message:

MAJ'ECO EP187L is a vegetal fibre reinforced polypropylene compound intended for injection moulding.

MAJ'ECO EP187L has been developed especially for demanding applications in various engineering sectors.

MAJ'ECO EP187L is UV stabilised.

## APPLICATIONS

Product such as:

Boxes

Racks

Technical components

General Information			
Filler / Reinforcement	Natural fiber reinforced material		
Additive	UV stabilizer		
Features	Copolymer		
	Good UV resistance		
	Updatable resources		
	Recyclable materials		
Uses	Bracket		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.945	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	15	g/10 min	ISO 1133
Molding Shrinkage (2.00 mm)	1.5 - 1.7	%	Internal method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1700	MPa	ISO 527-2/1
Tensile Stress (Yield)	28.0	MPa	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	4.8	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	26	kJ/m <sup>2</sup>	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

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#### Recommended distributors for this material

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