

# MAJ'ECO EEP364M - 8229

Polypropylene

AD majoris

## Message:

MAJ'ECO EEP364M-8229 is a vegetal fibre polypropylene compound intended for injection moulding.

MAJ'ECO EEP364M-8229 has been developed especially for demanding applications in various engineering sectors.

## APPLICATIONS

Product such as:

Boxes

Racks

Technical components...

General Information			
Filler / Reinforcement	Natural fiber reinforced material		
Features	Updatable resources		
	Recyclable materials		
Uses	Bracket		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.01	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ISO 1133
Molding Shrinkage (2.00 mm)	1.3	%	Internal method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3000	MPa	ISO 527-2/1
Tensile Stress (Yield)	31.0	MPa	ISO 527-2/50
Flexural Modulus <sup>1</sup>	2200	MPa	ISO 178
Flexural Stress <sup>2</sup>	54.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	8.5	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	19	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

NOTE

- |    |            |
|----|------------|
| 1. | 2.0 mm/min |
| 2. | at Yield   |

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