

MAJ'ECO DP364B

Polypropylene
AD majoris

Message:

MAJ'ECO DP364B is a vegetal fibre polypropylene compound intended for injection moulding.
MAJ'ECO DP364B has been developed especially for demanding applications in various engineering sectors.
MAJ'ECO DP364B 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/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3450	MPa	ISO 527-2/1
Tensile Stress (Yield)	32.0	MPa	ISO 527-2/50
Flexural Modulus ¹	3350	MPa	ISO 178
Flexural Stress ²	60.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	5.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	12	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

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

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