

MAJ'ECO DP264W

Polypropylene
AD majoris

Message:

MAJ'ECO DP264W is a 20% wood fibre reinforced polypropylene compound intended for injection moulding. MAJ'ECO DP264W has been developed especially for demanding applications in various engineering sectors. MAJ'ECO DP264W is UV stabilised.

APPLICATIONS

Product such as:

- Boxes
- Racks
- Technical components

General Information			
Filler / Reinforcement	Wood fiber, 20% filler by weight		
Additive	UV stabilizer		
Features	Good UV resistance		
	Updatable resources		
	Recyclable materials		
Uses	Container		
	Bracket		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.940	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.0	g/10 min	ISO 1133
Molding Shrinkage (2.00 mm)	1.2	%	Internal method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2460	MPa	ISO 527-2/1
Tensile Stress (Break)	28.0	MPa	ISO 527-2/50
Tensile Strain (Break)	4.0	%	ISO 527-2/50
Flexural Modulus ¹	2100	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength (23°C)	24	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	133	°C	ISO 75-2/B
1.8 MPa, not annealed	93.0	°C	ISO 75-2/A
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	

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Recommended distributors for this material

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