MAJ'ECO CP564W

Polypropylene Copolymer

AD majoris

Message:

MAJ'ECO CP564W is a 50% wood fibre reinforced polypropylene compound intended for injection moulding.
MAJ'ECO CP564W has been developed especially for demanding applications in various engineering sectors.
MAJ'ECO CP564W is UV stabilised.
APPLICATIONS
Product such as:
Boxes
Racks
Technical components

General Information			
Filler / Reinforcement	Wood fiber, 50% filler by weight		
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	1.07	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.5	g/10 min	ISO 1133
Molding Shrinkage (2.00 mm)	0.90	%	Internal method
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	4100	MPa	ISO 527-2/1
Tensile Stress (Break)	29.0	MPa	ISO 527-2/50
Tensile Strain (Break)	2.0	%	ISO 527-2/50
Flexural Modulus [1]	3350	MPa	ISO 178
Flexural Stress [2]	49.0	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Unnotched Impact Strength (23°C)	8.0	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.	2.0 mm/min

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Recommended distributors for this material

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