MAJ'ECO DP384W

Polypropylene

AD majoris

Message:

MAJ'ECO DP384W is a 30% wood fibre polypropylene compound intended for injection moulding.
MAJ'ECO DP384W has been developed especially for demanding applications in various engineering sectors.
APPLICATIONS
Product such as:
Boxes
Racks
Technical components

General Information			
Filler / Reinforcement	Wood fiber, 30% filler by weight		
Features	Updatable resources Recyclable materials		
Uses	Bracket		
Forms	Particle		
Processing Method	Injection molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.01	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.5	g/10 min	ISO 1133
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus (23°C)	2500	MPa	ISO 527-2/1
Tensile Stress (Yield, 23°C)	32.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	4.2	%	ISO 527-2/50
Flexural Modulus [1] (23°C)	2650	MPa	ISO 178
Flexural Stress [2] (23°C)	60.0	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength (23°C)	6.0	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	18	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.	at Yield

Recommended distributors for this material

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