MAJ'ECO DP494M

Polypropylene

AD majoris

Message:

MAJ'ECO DP494M is a vegetal fibre polypropylene compound intended for injection moulding.
MAJ'ECO DP494M 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	1.02	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.0	g/10 min	ISO 1133
Molding Shrinkage (2.00 mm)	0.70 - 1.1	%	Internal method
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	4380	MPa	ISO 527-2/1
Tensile Stress (Yield)	34.0	MPa	ISO 527-2/50
Flexural Modulus [1]	3950	MPa	ISO 178
Flexural Stress [2]	64.0	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength (23°C)	4.9	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	14	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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