MAJ'ECO BP494M

Polypropylene

AD majoris

Message:

MAJ'ECO BP494M is a vegetal fibre polypropylene compound intended for extrusion and injection moulding.
MAJ'ECO BP494M 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	Extrusion 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)	2.0	g/10 min	ISO 1133
Molding Shrinkage (2.00 mm)	0.80 - 1.2	%	Internal method
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	4200	MPa	ISO 527-2/1
Tensile Stress (Yield)	31.0	MPa	ISO 527-2/50
Flexural Modulus [1]	3850	MPa	ISO 178
Flexural Stress [2]	59.0	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength (23°C)	5.3	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	12	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

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China