

# MAJ'ECO EP368WF

Polypropylene Copolymer

AD majoris

Message:

MAJ'ECO EP368WF is a 35% wood fibre reinforced polypropylene compound intended for injection moulding. MAJ'ECO EP368WF 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, 35% filler by weight		
Features	Copolymer		
	Updatable resources		
	Recyclable materials		
Uses	Bracket		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.995	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.5	g/10 min	ISO 1133
Molding Shrinkage (2.00 mm)	0.80	%	Internal method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2950	MPa	ISO 527-2/1
Tensile Stress (Break)	38.0	MPa	ISO 527-2/50
Tensile Strain (Break)	2.8	%	ISO 527-2
Flexural Modulus <sup>1</sup>	3250	MPa	ISO 178
Flexural Stress <sup>2</sup>	64.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	4.5	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	15	kJ/m <sup>2</sup>	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 Break

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

#### 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

