

MAJ'ECO AP404W

Polypropylene

AD majoris

Message:

MAJ'ECO AP404W is a 40% wood fibre reinforced polypropylene compound intended for extrusion.
MAJ'ECO AP404W UV stabilised developed especially for demanding applications in various engineering sectors.

APPLICATIONS

Product such as:

Profiles

Tubes

Technical components...

General Information			
Filler / Reinforcement	Wood Fiber,40% Filler by Weight		
Additive	UV Stabilizer		
Features	Good UV Resistance		
	Recyclable Material		
	Renewable Resource Content		
Uses	Profiles		
	Tubing		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	1.03	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.50	g/10 min	ISO 1133
Molding Shrinkage (2.00 mm)	0.90	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4400	MPa	ISO 527-2/1
Tensile Stress (Break)	41.0	MPa	ISO 527-2/50
Tensile Strain (Break)	2.2	%	ISO 527-2/50
Flexural Modulus ¹	3500	MPa	ISO 178
Flexural Stress ²	66.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength (23°C)	13	kJ/m ²	ISO 179/1eU
Flammability	Nominal Value	Test Method	
Flame Rating	HB	UL 94	
Extrusion	Nominal Value	Unit	
Drying Temperature	100	°C	
Drying Time	4.0	hr	

Cylinder Zone 1 Temp.	150	°C
Cylinder Zone 2 Temp.	150	°C
Cylinder Zone 3 Temp.	160	°C
Cylinder Zone 4 Temp.	170	°C
Melt Temperature	150 to 190	°C
Head Temperature	170	°C
Die Temperature	160	°C

NOTE

1. 2.0 mm/min
2. 2.0 mm/min

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