

PolyFibra® PF-PEF01

Polypropylene

FuturaMat

Message:

PF-PEF01 is an agromaterial descending from the PolyFibra range. PF-PEF01 is a Polypropylène and wood fibers (spruce)-based product.

General Information			
Filler / Reinforcement	Wood Fiber		
Features	Biodegradable		
	Renewable Resource Content		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.02	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.5	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	73		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2700	MPa	ISO 527-2
Tensile Stress			ISO 527-2
Yield	39.8	MPa	
Break	38.8	MPa	
Tensile Strain			ISO 527-2
Yield	3.4	%	
Break	3.8	%	
Flexural Modulus	3130	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	14	kJ/m ²	ISO 179

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