

# PolyFibra® PF-PEF02

Polypropylene

FuturaMat

## Message:

PF-PEF02 is an agromaterial descending from the PolyFibra range. PF-PEF02 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	0.960 to 1.06	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	6.1 to 18	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	65 to 77		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2250 to 3110	MPa	ISO 527-2
Tensile Stress			ISO 527-2
Yield	30.0 to 50.0	MPa	
Break	29.0 to 49.0	MPa	
Tensile Strain (Yield)	2.5 to 4.3	%	ISO 527-2
Flexural Modulus	2280 to 3560	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	9.0 to 17	kJ/m <sup>2</sup>	ISO 179

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## Recommended distributors for this material

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