

# PolyFibra® PF-PEF03

Polypropylene

FuturaMat

## Message:

PF-PEF03 is an agromaterial descending from the PolyFibra range. PF-PEF03 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	1.01	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	6.5	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	67		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2020	MPa	ISO 527-2
Tensile Stress			ISO 527-2
Yield	35.0	MPa	
Break	33.0	MPa	
Tensile Strain			ISO 527-2
Yield	5.3	%	
Break	7.0	%	
Flexural Modulus	2140	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	21	kJ/m <sup>2</sup>	ISO 179

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## 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



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