

# PolyFibra® PF-PHF02

Polypropylene

FuturaMat

## Message:

PF-PHF02 is a polypropylène and wood fibers (beech)-based product, an agromaterial descending from the PolyFibra® range.

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)	5.3 to 16	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	62 to 74		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1590 to 2190	MPa	ISO 527-2
Tensile Stress			ISO 527-2
Yield	22.0 to 36.0	MPa	
Break	20.0 to 34.0	MPa	
Tensile Strain (Yield)	3.5 to 5.7	%	ISO 527-2
Flexural Modulus	1490 to 2330	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	15 to 27	kJ/m <sup>2</sup>	ISO 179

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



WECHAT