

BioFibra® BF-LHF01

Biodegradable Polymers

FuturaMat

Message:

BF-LHF01 is an agromaterial descending from the BioFibra range. BF-LHF01 is a wood fibers (beech)-based product and is 100% from renewable resources.

General Information			
Features	Biodegradable		
	Renewable Resource Content		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	12	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	76		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3370	MPa	ISO 527-2
Tensile Stress			ISO 527-2
Yield	32.6	MPa	
Break	28.3	MPa	
Tensile Strain			ISO 527-2
Yield	1.5	%	
Break	2.0	%	
Flexural Modulus	4990	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	7.0	kJ/m ²	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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