

# BioFibra® BF-LEF01

Biodegradable Polymers

FuturaMat

## Message:

BF-LEF01 is an agromaterial descending from the BioFibra range. BF-LEF01 is a wood fibers (spruce)-based product an is 100% from renewable ressources.

General Information			
Features	Biodegradable		
	Renewable Resource Content		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.28	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	28	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	83		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3440	MPa	ISO 527-2
Tensile Stress			ISO 527-2
Yield	37.3	MPa	
Break	34.2	MPa	
Tensile Strain			ISO 527-2
Yield	1.7	%	
Break	2.1	%	
Flexural Modulus	5790	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	9.6	kJ/m <sup>2</sup>	ISO 179

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## Recommended distributors for this material

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