

BioFibra® BF-LUD01

Biodegradable Polymers

FuturaMat

Message:

BF-LUD01 is an agromaterial descending from the BioFibra range. BF-LUD01 is a pure cellulose-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	1.22 to 1.34	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.4 to 13	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D, 15 sec)	72 to 86		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2500 to 3460	MPa	ISO 527-2
Tensile Stress			ISO 527-2
Yield	21.0 to 35.0	MPa	
Break	16.0 to 26.0	MPa	
Tensile Strain (Yield)	1.2 to 2.0	%	ISO 527-2
Flexural Modulus	2440 to 4540	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength (23°C)	11 to 23	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	36.0 to 44.0	°C	ISO 75-2/A

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