

BioCeres® BC-LBI01

Biodegradable Polymers

FuturaMat

Message:

BC-LBI01 is an agromaterial descending from the BioCérès range. It is a wheat flour-based product. BC-LBI01 is 100% biodegradable and from renewable resources.

General Information			
Features	Biodegradable		
	Compostable		
	Renewable Resource Content		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.23 to 1.35	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (170°C/2.16 kg)	3.0 to 9.2	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	770 to 1070	MPa	ISO 527-2
Tensile Stress			ISO 527-2
Yield	7.00 to 11.0	MPa	
Break	4.00 to 6.00	MPa	
Tensile Strain (Yield)	1.6 to 2.6	%	ISO 527-2
Flexural Modulus	1200 to 2240	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength (23°C)	6.0 to 12	kJ/m ²	ISO 179

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Recommended distributors for this material

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