

# BioCeres® BC-LBF01

Biodegradable Polymers

FuturaMat

## Message:

BC-LBF01 is an agromaterial descending from the BioCérès range. It is a wheat flour-based product. BC-LBF01 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	1.22 to 1.34	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (170°C/2.16 kg)	9.0 to 27	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D, 15 sec)	66 to 80		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1410 to 1950	MPa	ISO 527-2
Tensile Stress			ISO 527-2
Yield	11.0 to 19.0	MPa	
Break	9.00 to 15.0	MPa	
Tensile Strain (Yield)	1.0 to 1.6	%	ISO 527-2
Flexural Modulus	1600 to 2960	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength (23°C)	7.0 to 15	kJ/m <sup>2</sup>	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	43.0 to 51.0	°C	ISO 75-2/A

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## Recommended distributors for this material

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