

BioCeres® BC-LBE01

Biodegradable Polymers

FuturaMat

Message:

BC-LBE01 is an agromaterial descending from the BioCérès range. It is a wheat flour-based product. BC-LBE01 is 100% biodegradable and from renewable ressources.

General Information			
Features	Biodegradable		
	Compostable		
	Renewable Resource Content		
Forms	Pellets		
Processing Method	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Density	1.29	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (170°C/2.16 kg)	8.1	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	79		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2650	MPa	ISO 527-2
Tensile Stress			ISO 527-2
Yield	32.6	MPa	
Break	25.0	MPa	
Tensile Strain			ISO 527-2
Yield	1.7	%	
Break	2.9	%	
Flexural Modulus	3300	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	11	kJ/m ²	ISO 179

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Recommended distributors for this material

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