

BioCeres® BC-XBH01

Biodegradable Polymers

FuturaMat

Message:

BC-XBH01 is an agromaterial descending from the BioCérès® range designed for calendering. Made from bio-based and recycled raw materials, BC-XBH01 can be used as a 100% biodegradable substitute for soft PVC.

General Information			
Features	Biodegradable		
	Renewable Resource Content		
Forms	Pellets		
Processing Method	Calendering		
Physical	Nominal Value	Unit	Test Method
Density	1.25 to 1.39	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	6.3 to 19	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D, 15 sec)	48 to 58		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	360 to 510	MPa	ISO 527-2
Tensile Stress			ISO 527-2
Yield	7.00 to 11.0	MPa	
Break	7.00 to 11.0	MPa	
Tensile Strain (Yield)	5.6 to 9.4	%	ISO 527-2
Flexural Modulus	310 to 590	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength (23°C)	19 to 39	kJ/m ²	ISO 179

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Recommended distributors for this material

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