

# Bamtac BPP337C

Polypropylene

Ningbo Bamtac New Material Col, Ltd.

Message:

BPP337C, a composite of PP and bamboo fiber, certified by FDA proves the BFC to be a safe globally recognized raw material that can substitute for general plastic for foods, which was successfully applied in tableware industry.

General Information			
Filler / Reinforcement	Bamboo Fiber		
Uses	Non-specific Food Applications		
Agency Ratings	FDA Unspecified Rating		
Physical	Nominal Value	Unit	Test Method
Density	1.05 to 1.07	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	16 to 25	g/10 min	ISO 1133
Shrinkage	0.30 to 0.70	%	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	70 to 75		
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	> 3000	MPa	ISO 527-2
Tensile Stress	> 25.0	MPa	ISO 527-2
Tensile Strain (Break)	> 3.0	%	ISO 527-2
Flexural Modulus	> 2300	MPa	ISO 178
Flexural Stress	> 45.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	> 4.0	kJ/m <sup>2</sup>	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	105	°C	ISO 75-2/A

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Recommended distributors for this material

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