

# Bamtac BPP245B

Polypropylene

Ningbo Bamtac New Material Col, Ltd.

## Message:

BPP245B, a composite of PP and bamboo fiber, This new material keeps degradability, high modulus volume, great strength and convenient process features, which is quite suitable for car interior trims.

General Information	
Filler / Reinforcement	Bamboo Fiber
Features	Good Strength
	High Stiffness
Uses	Automotive Applications
	Automotive Interior Trim

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)	10 to 12	g/10 min	ISO 1133
Shrinkage	0.90 to 1.2	%	

Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	70 to 75		

Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	> 4500	MPa	ISO 527-2
Tensile Stress	> 40.0	MPa	ISO 527-2
Tensile Strain (Break)	> 2.0	%	ISO 527-2
Flexural Modulus	> 3500	MPa	ISO 178
Flexural Stress	> 60.0	MPa	ISO 178

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	> 3.0	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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