

Bamtac BPP235A

Polypropylene

Ningbo Bamtac New Material Co., Ltd.

Message:

BPP235A, a composite of PP and bamboo fiber. The material is high impact strength.

General Information			
Filler / Reinforcement	Bamboo Fiber		
Features	High Impact Resistance		
Physical	Nominal Value	Unit	Test Method
Density	1.01 to 1.05	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	8.0 to 12	g/10 min	ISO 1133
Shrinkage	0.90 to 1.2	%	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	55 to 60		
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	> 900	MPa	ISO 527-2
Tensile Stress	> 12.0	MPa	ISO 527-2
Tensile Strain (Break)	> 15	%	ISO 527-2
Flexural Modulus	> 700	MPa	ISO 178
Flexural Stress	> 15.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	> 17	kJ/m ²	ISO 180

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Recommended distributors for this material

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