

# Bamtac BBS530B

Acrylonitrile Butadiene Styrene

Ningbo Bamtac New Material Col, Ltd.

## Message:

BBS530B, a composite of ABS resin and bamboo fiber, compounds the recyclable natural fiber with the thermoplastic by the industrial production tech to reduce the use of oil resource. The realization of biodegradability makes the environmental feature more outstanding.

General Information			
Filler / Reinforcement	Bamboo Fiber		
Physical	Nominal Value	Unit	Test Method
Density	1.08 to 1.14	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	40 to 60	g/10 min	ISO 1133
Shrinkage	0.20 to 0.40	%	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	75 to 80		
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	> 3400	MPa	ISO 527-2
Tensile Stress	> 30.0	MPa	ISO 527-2
Tensile Strain (Break)	> 2.0	%	ISO 527-2
Flexural Modulus	> 3000	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

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## Recommended distributors for this material

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