

Bamtac BPP340A

Polypropylene

Ningbo Bamtac New Material Col, Ltd.

Message:

BPP340A, a composite of PP and bamboo fiber. BFC , with natural fiber, effectively improve the mechanical strength and heat deflection temperature of BFC material, which possesses low shrinkage, soothing and fine looking surface,and keeps the natural features of antibiosis and deodorization.

General Information			
Filler / Reinforcement	Bamboo Fiber		
Features	Good Surface Finish		
	Low Shrinkage		
Physical	Nominal Value	Unit	Test Method
Density	1.05 to 1.07	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	15 to 20	g/10 min	ISO 1133
Shrinkage	0.30 to 0.70	%	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	65 to 70		
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	> 1400	MPa	ISO 527-2
Tensile Stress	> 15.0	MPa	ISO 527-2
Tensile Strain (Break)	> 7.0	%	ISO 527-2
Flexural Modulus	> 1200	MPa	ISO 178
Flexural Stress	> 28.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	> 8.0	kJ/m ²	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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