

Bamtac BPP035A

Polypropylene

Ningbo Bamtac New Material Col, Ltd.

Message:

BPP035A, a composite of PP and bamboo fiber.BFC environmental plastic, with natural fiber, possesses the functions of anti-biosis and deodorization that can keep your health.what's more ,this material keeps a low shrinkage ,which give the products a soothing and fine looking surface.

| 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) | 9.0 to 13 | 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 | > 3500 | MPa | ISO 527-2 |
| Tensile Stress | > 25.0 | MPa | ISO 527-2 |
| Tensile Strain (Break) | > 2.0 | % | ISO 527-2 |
| Flexural Modulus | > 2500 | MPa | ISO 178 |
| Flexural Stress | > 50.0 | MPa | ISO 178 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact Strength | > 4.0 | 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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