

BLUESTAR® 1090

Polybutylene Terephthalate

Nantong Xingchen Synthetic Material Co., Ltd.

Message:

PBT resin products include the following: 1072, 1079, 1084, 1090, 1100, 1100 A, 1110, and 1130, which are mainly used in spinning, cable, and film. Use: can be directly used in spinning and the production of color master batch and its modified, enhanced products are widely used in electronics, electrical, instrumentation, automobiles and other industries. Its high viscosity products can be directly used in the production of optical fiber tubes; the product should be dried at 120-140 °C for 2-4 hours

| General Information | | | |
|---|------------------------------------|-------------------|-----------------|
| Uses | Automotive Applications | | |
| | Electrical/Electronic Applications | | |
| | Film | | |
| | Wire & Cable Applications | | |
| Forms | Pellets | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 1.29 to 1.33 | g/cm ³ | ISO 1183 |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) | 50 to 70 | g/10 min | ISO 1133 |
| Ash Content | < 0.035 | % | ISO 3451-1 |
| Color b - Hunter Lab | < 6.00 | | Internal Method |
| Intrinsic Viscosity | 0.90 | dl/g | ISO 1628-5 |
| Moisture Content | < 0.30 | % | ISO 15512 |
| Carboxyl End Groups | < 30.0 | mol/t | Internal Method |
| Thermal | Nominal Value | Unit | Test Method |
| Melting Temperature | 222 to 226 | °C | ISO 11357-3 |

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