

Beijing Ranger Chem BLUESTAR® 1079 PBT

Category : Polymer , Thermoplastic , Polyester, TP , Polybutylene Terephthalate (PBT)

Material Notes:

Can be used directly for spinning, and producing color concentrates. It can also be used for production after reinforcement & compounding. Information provided by Beijing Ranger Chemical Co.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Beijing-Ranger-Chem-BLUESTAR-1079-PBT.php

| Physical Properties | Metric | English | Comments |
|---------------------|--------------------------------|------------------------------------|----------|
| Density | 1.30 - 1.31 g/cc | 0.0470 - 0.0473 lb/in ³ | ISO 1183 |
| Viscosity Test | 0.64 - 0.94 cm ³ /g | 0.64 - 0.94 cm ³ /g | Q/NHS501 |
| Melt Flow | 60 - 75 g/10 min | 60 - 75 g/10 min | ISO 1133 |

| Mechanical Properties | Metric | English | Comments |
|-------------------------|-----------------|-----------------|----------|
| Tensile Strength, Yield | 45.0 - 55.0 MPa | 6530 - 7980 psi | ISO 527 |

| Chemical Properties | Metric | English | Comments |
|---------------------|--------------|--------------|----------|
| Carboxyl End Groups | 0.030 meq/kg | 0.030 meq/kg | Q/NHS501 |

| Processing Properties | Metric | English | Comments |
|-----------------------|--------------|--------------|----------|
| Melt Temperature | 220 - 225 °C | 428 - 437 °F | |
| Moisture Content | 0.30 % | 0.30 % | |

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