

Beijing Ranger Chem BLUESTAR® 1120 PBT

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

Material Notes:

Can be used directly to produce cable sheath Information provided by Beijing Ranger Chemical Co.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Beijing-Ranger-Chem-BLUESTAR-1120-PBT.php

Physical Properties	Metric	English	Comments
Density	1.30 - 1.31 g/cc	0.0470 - 0.0473 lb/in³	ISO 1183
Viscosity Test	1.16 - 1.24 cm³/g	1.16 - 1.24 cm³/g	Q/NHS501
Melt Flow	10 - 15 g/10 min	10 - 15 g/10 min	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	50.0 - 60.0 MPa	7250 - 8700 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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