

Chengdu Polyster H8570Y Thermoplastic Polyether-ester Elastomer (TPEE)

Category : Polymer , Thermoplastic , Elastomer, TPE , Polyester, TP , Polyether Ester Elastomer

Material Notes:

High modulus molding and injection grade. Contains improved color- stable antioxidants. Low frictional coefficient and good abrasion resistance. Applications requiring high strength, high toughness good abrasion resistance and good properties at high temperature. Information provided by Chengdu Polyster Co., Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chengdu-Polyster-H8570Y-Thermoplastic-Polyether-ester-Elastomer-TPEE.php

Physical Properties	Metric	English	Comments
Density	1.25 g/cc	0.0452 lb/in ³	ISO 1183
Melt Flow	7.0 - 10 g/10 min	7.0 - 10 g/10 min	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	72	72	ISO 868
Tensile Strength, Ultimate	42.0 MPa	6090 psi	ISO 527-1
Elongation at Break	350 %	350 %	ISO 527-1
Flexural Modulus	0.600 GPa	87.0 ksi	ISO 178
Tear Strength	200 kN/m	1140 pli	ISO 34

Thermal Properties	Metric	English	Comments
Melting Point	218 °C	424 °F	ISO 3146
Brittleness Temperature	-50.0 °C	-58.0 °F	ISO 974

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