

Chengdu Polyster H8570 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. Excellent heat-ageing resistance and toughness. Applications requiring high strength, high toughness 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-H8570-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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