

Chengdu Polyster H7560 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. Good balance of modulus and toughness. Parts and components of automobile, wires, cables and optical fiber, hose and parts of snowboard, etc. Information provided by Chengdu Polyster Co., Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chengdu-Polyster-H7560-Thermoplastic-Polyether-ester-Elastomer-TPEE.php

Physical Properties	Metric	English	Comments
Density	1.22 g/cc	0.0441 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	63	63	ISO 868
Tensile Strength, Ultimate	36.0 MPa	5220 psi	ISO 527-1
Elongation at Break	380 %	380 %	ISO 527-1
Flexural Modulus	0.300 GPa	43.5 ksi	ISO 178
Tear Strength	161 kN/m	919 pli	ISO 34

Thermal Properties	Metric	English	Comments
Melting Point	215 °C	419 °F	ISO 3146
Brittleness Temperature	-60.0 °C	-76.0 °F	ISO 974

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