

Chengdu Polyster H6555 Thermoplastic Polyether-ester Elastomer (TPEE)

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

Material Notes:

Medium modulus molding and extrusion grade. Contains improved color- stable antioxidants. Good balance of modulus and toughness.

Parts and components of automobile, hydraulic hose and slide of elevator, etc. Information provided by Chengdu Polyster Co., Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chengdu-Polyster-H6555-Thermoplastic-Polyether-ester-Elastomer-TPEE.php

Physical Properties	Metric	English	Comments
Density	1.20 g/cc	0.0434 lb/in ³	ISO 1183
Melt Flow	8.0 - 13 g/10 min	8.0 - 13 g/10 min	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	58	58	ISO 868
Tensile Strength, Ultimate	35.0 MPa	5080 psi	ISO 527-1
Elongation at Break	450 %	450 %	ISO 527-1
Flexural Modulus	0.240 GPa	34.8 ksi	ISO 178
Tear Strength	142 kN/m	810 pli	ISO 34

Thermal Properties	Metric	English	Comments
Melting Point	212 °C	414 °F	ISO 3146
Brittleness Temperature	-60.0 °C	-76.0 °F	ISO 974

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