

Chengdu Polyster H3303B Thermoplastic Polyether-ester Elastomer (TPEE)

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

Material Notes:

Low modulus molding and extrusion grade. Contains color-stable antioxidants. Excellent low-temperature properties. Excellent flex-fatigue resistance. Excellent creep resistance. CVJ boots, hose jackets, wire and cable jackets, film and sheeting, belting, profiles and seals, etc. Information provided by Chengdu Polyster Co., Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chengdu-Polyster-H3303B-Thermoplastic-Polyether-ester-Elastomer-TPEE.php

Physical Properties	Metric	English	Comments
Density	1.12 g/cc	0.0405 lb/in ³	ISO 1183
Melt Flow	0.50 - 1.5 g/10 min	0.50 - 1.5 g/10 min	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	35	35	ISO 868
Tensile Strength, Ultimate	18.0 MPa	2610 psi	ISO 527-1
Elongation at Break	400 %	400 %	ISO 527-1
Flexural Modulus	0.0400 GPa	5.80 ksi	ISO 178
Tear Strength	100 kN/m	571 pli	ISO 34

Thermal Properties	Metric	English	Comments
Melting Point	165 °C	329 °F	ISO 3146
Brittleness Temperature	-70.0 °C	-94.0 °F	ISO 974

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