

Chengdu Polyster H4543 Thermoplastic Polyether-ester Elastomer (TPEE)

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

Material Notes:

Low modulus molding and injection grade. Contains improved color- stable antioxidants. Applications requiring high original color retention. Molded and injected products for consumer use, such as seals, door lock assembly of automobile and vibration- damping board, etc.Information provided by Chengdu Polyster Co., Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chengdu-Polyster-H4543-Thermoplastic-Polyether-ester-Elastomer-TPEE.php

Physical Properties	Metric	English	Comments
Density	1.15 g/cc	0.0415 lb/in ³	ISO 1183
Melt Flow	8.0 - 10 g/10 min	8.0 - 10 g/10 min	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	45	45	ISO 868
Tensile Strength, Ultimate	27.0 MPa	3920 psi	ISO 527-1
Elongation at Break	490 %	490 %	ISO 527-1
Flexural Modulus	0.0900 GPa	13.1 ksi	ISO 178
Tear Strength	115 kN/m	656 pli	ISO 34

Thermal Properties	Metric	English	Comments
Melting Point	190 °C	374 °F	ISO 3146
Brittleness Temperature	-70.0 °C	-94.0 °F	ISO 974

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