

Chengdu Polyster H2040 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. Like H4040, except that heat-ageing resistance is improved. Applications requiring better heat-ageing resistance. Information provided by Chengdu Polyster Co., Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chengdu-Polyster-H2040-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	7.0 - 9.0 g/10 min	7.0 - 9.0 g/10 min	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	40	40	ISO 868
Tensile Strength, Ultimate	25.0 MPa	3630 psi	ISO 527-1
Elongation at Break	530 %	530 %	ISO 527-1
Flexural Modulus	0.0560 GPa	8.12 ksi	ISO 178
Tear Strength	91.0 kN/m	519 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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