

Chengdu Polyster H3030 Thermoplastic Polyether-ester Elastomer (TPEE)

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

Material Notes:

Information provided by Chengdu Polyster Co., Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chengdu-Polyster-H3030-Thermoplastic-Polyether-ester-Elastomer-TPEE.php

Physical Properties	Metric	English	Comments
Density	1.06 g/cc	0.0383 lb/in ³	ISO 1183
Melt Flow	10 - 15 g/10 min	10 - 15 g/10 min	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	30	30	ISO 868
Tensile Strength, Ultimate	14.0 MPa	2030 psi	ISO 527-1
Elongation at Break	550 %	550 %	ISO 527-1
Flexural Modulus	0.0280 GPa	4.06 ksi	ISO 178
Tear Strength	50.0 kN/m	285 pli	ISO 34

Thermal Properties	Metric	English	Comments
Melting Point	160 °C	320 °F	ISO 3146
Brittleness Temperature	-70.0 °C	-94.0 °F	ISO 974

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