

Chengdu Polyster CH7563 Thermoplastic Polyether-ester Elastomer (TPEE)

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

Material Notes:

Poly-basic block copolymer. Good compatibility with PBT, PET and PA. For blending with PBT, PET and PA to improve impact resilience properties. Information provided by Chengdu Polyster Co., Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chengdu-Polyster-CH7563-Thermoplastic-Polyether-ester-Elastomer-TPEE.php

Physical Properties	Metric	English	Comments
Density	1.22 g/cc	0.0441 lb/in ³	ISO 1183
Melt Flow	5.0 - 10 g/10 min	5.0 - 10 g/10 min	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	60	60	ISO 868
Tensile Strength, Ultimate	38.0 MPa	5510 psi	ISO 527-1
Elongation at Break	400 %	400 %	ISO 527-1
Flexural Modulus	0.350 GPa	50.8 ksi	ISO 178
Tear Strength	150 kN/m	856 pli	ISO 34

Thermal Properties	Metric	English	Comments
Melting Point	210 °C	410 °F	ISO 3146
Brittleness Temperature	-40.0 °C	-40.0 °F	ISO 974

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