

Chengdu Polyster FH7560 Thermoplastic Polyether-ester Elastomer (TPEE)

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

Material Notes:

Blend of H7560 and self-made flame retardant material. Flame retardant, high tear resistance. Applications requiring flame retardancy, such as wires, cables and optical fiber. Information provided by Chengdu Polyster Co., Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chengdu-Polyster-FH7560-Thermoplastic-Polyether-ester-Elastomer-TPEE.php

Physical Properties	Metric	English	Comments
Density	1.48 g/cc	0.0535 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	63	63	ISO 868
Tensile Strength, Ultimate	32.0 MPa	4640 psi	ISO 527-1
Elongation at Break	280 %	280 %	ISO 527-1
Flexural Modulus	0.320 GPa	46.4 ksi	ISO 178
Tear Strength	128 kN/m	730 pli	ISO 34

Thermal Properties	Metric	English	Comments
Melting Point	217 °C	423 °F	ISO 3146
Brittleness Temperature	-50.0 °C	-58.0 °F	ISO 974

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