

Chengdu Polyster FH4543 Thermoplastic Polyether-ester Elastomer (TPEE)

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

Material Notes:

Blend of H4543 and self-made flame retardant material. Flame retardant, good balance of low and high temperature properties.

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-FH4543-Thermoplastic-Polyether-ester-Elastomer-TPEE.php

Physical Properties	Metric	English	Comments
Density	1.40 g/cc	0.0506 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	45	45	ISO 868
Tensile Strength, Ultimate	22.0 MPa	3190 psi	ISO 527-1
Elongation at Break	350 %	350 %	ISO 527-1
Flexural Modulus	0.0950 GPa	13.8 ksi	ISO 178
Tear Strength	70.0 kN/m	399 pli	ISO 34

Thermal Properties	Metric	English	Comments
Melting Point	194 °C	381 °F	ISO 3146
Brittleness Temperature	-60.0 °C	-76.0 °F	ISO 974

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China