

Chengdu Polyster H5550 Thermoplastic Polyether-ester Elastomer (TPEE)

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

Material Notes:

Medium-low modulus molding and injection grade. Contains improved color- stable antioxidants. Good balance of low and high temperature properties. Applications requiring high original color retention. Molded and injected products for consumer use, such as airbag door covers, railway tie pads, seals, antenna of automobile and of mobile phone. Information provided by Chengdu Polyster Co., Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chengdu-Polyster-H5550-Thermoplastic-Polyether-ester-Elastomer-TPEE.php

Physical Properties	Metric	English	Comments
Density	1.18 g/cc	0.0426 lb/in ³	ISO 1183
Melt Flow	8.0 - 13 g/10 min	8.0 - 13 g/10 min	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	48	48	ISO 868
Tensile Strength, Ultimate	30.0 MPa	4350 psi	ISO 527-1
Elongation at Break	480 %	480 %	ISO 527-1
Flexural Modulus	0.120 GPa	17.4 ksi	ISO 178
Tear Strength	130 kN/m	742 pli	ISO 34

Thermal Properties	Metric	English	Comments
Melting Point	194 °C	381 °F	ISO 3146
Brittleness Temperature	-70.0 °C	-94.0 °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