

## Chengdu Polyster H5550B Thermoplastic Polyether-ester Elastomer (TPEE)

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

### Material Notes:

Low modulus molding and extrusion grade. Contains color-stable antioxidants. Good balance of low and high temperature properties.

Excellent flex-fatigue resistance. Excellent creep resistance. CVJ boots, dust cover, hose jackets, wire and cable jackets, belting, profiles and seals, etc. Information provided by Chengdu Polyster Co., Ltd.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Chengdu-Polyster-H5550B-Thermoplastic-Polyether-ester-Elastomer-TPEE.php](http://www.lookpolymers.com/polymer_Chengdu-Polyster-H5550B-Thermoplastic-Polyether-ester-Elastomer-TPEE.php)

Physical Properties	Metric	English	Comments
Density	1.17 g/cc	0.0423 lb/in <sup>3</sup>	ISO 1183
Melt Flow	0.50 - 1.5 g/10 min	0.50 - 1.5 g/10 min	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	50	50	ISO 868
Tensile Strength, Ultimate	30.0 MPa	4350 psi	ISO 527-1
Elongation at Break	360 %	360 %	ISO 527-1
Flexural Modulus	0.120 GPa	17.4 ksi	ISO 178
Tear Strength	135 kN/m	770 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](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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