

## Chengdu Polyster H605B Thermoplastic Polyether-ester Elastomer (TPEE)

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

### Material Notes:

Medium modulus molding and extrusion grade. Contains color-stable antioxidants. Good balance of low and high temperature properties. Good melt stability. CVJ boots, dust cover, bellows, jackets and air ducts of engine, etc. Information provided by Chengdu Polyster Co., Ltd.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Chengdu-Polyster-H605B-Thermoplastic-Polyether-ester-Elastomer-TPEE.php](http://www.lookpolymers.com/polymer_Chengdu-Polyster-H605B-Thermoplastic-Polyether-ester-Elastomer-TPEE.php)

Physical Properties	Metric	English	Comments
Density	1.20 g/cc	0.0434 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	55	55	ISO 868
Tensile Strength, Ultimate	36.0 MPa	5220 psi	ISO 527-1
Elongation at Break	350 %	350 %	ISO 527-1
Flexural Modulus	0.156 GPa	22.6 ksi	ISO 178
Tear Strength	163 kN/m	930 pli	ISO 34

Thermal Properties	Metric	English	Comments
Melting Point	196 °C	385 °F	ISO 3146
Brittleness Temperature	-70.0 °C	-94.0 °F	ISO 974

## Contact Songhan Plastic Technology Co.,Ltd.

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