

## Chengdu Polyster H9275Y Thermoplastic Polyether-ester Elastomer (TPEE)

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

### Material Notes:

High modulus molding and injection grade. Contains improved color- stable antioxidants. Excellent heat-ageing resistance and toughness. Applications requiring high strength, high toughness and good properties at high temperature. Information provided by Chengdu Polyster Co., Ltd.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Chengdu-Polyster-H9275Y-Thermoplastic-Polyether-ester-Elastomer-TPEE.php](http://www.lookpolymers.com/polymer_Chengdu-Polyster-H9275Y-Thermoplastic-Polyether-ester-Elastomer-TPEE.php)

Physical Properties	Metric	English	Comments
Density	1.29 g/cc	0.0466 lb/in <sup>3</sup>	ISO 1183
Melt Flow	7.0 - 10 g/10 min	7.0 - 10 g/10 min	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	80	80	ISO 868
Tensile Strength, Ultimate	45.0 MPa	6530 psi	ISO 527-1
Elongation at Break	300 %	300 %	ISO 527-1
Flexural Modulus	1.05 GPa	152 ksi	ISO 178
Tear Strength	280 kN/m	1600 pli	ISO 34

Thermal Properties	Metric	English	Comments
Melting Point	220 °C	428 °F	ISO 3146
Brittleness Temperature	-40.0 °C	-40.0 °F	ISO 974

## Contact Songhan Plastic Technology Co.,Ltd.

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