

## Chengdu Polyster CH4132 Thermoplastic Polyether-ester Elastomer (TPEE)

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

### Material Notes:

Poly-basic block copolymer. Good compatibility with POM. For blending with POM to improve impact resilience properties. Information provided by Chengdu Polyster Co., Ltd.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Chengdu-Polyster-CH4132-Thermoplastic-Polyether-ester-Elastomer-TPEE.php](http://www.lookpolymers.com/polymer_Chengdu-Polyster-CH4132-Thermoplastic-Polyether-ester-Elastomer-TPEE.php)

Physical Properties	Metric	English	Comments
Density	1.12 g/cc	0.0405 lb/in <sup>3</sup>	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	38	38	ISO 868
Tensile Strength, Ultimate	10.0 MPa	1450 psi	ISO 527-1
Elongation at Break	400 %	400 %	ISO 527-1
Flexural Modulus	0.0600 GPa	8.70 ksi	ISO 178
Tear Strength	40.0 kN/m	228 pli	ISO 34

Thermal Properties	Metric	English	Comments
Melting Point	156 °C	313 °F	ISO 3146
Brittleness Temperature	-50.0 °C	-58.0 °F	ISO 974

## Contact Songhan Plastic Technology Co.,Ltd.

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