

## Wanhua Chemical Wanthane® WHT-1185 Polyester Based TPU

Category : Polymer , Thermoplastic , Elastomer, TPE , Polyurethane TPE , Polyurethane, TP , Thermoplastic Polyurethane (TPUR), Polyester Grade

### Material Notes:

Excellent mechanical properties, high abrasion resistance, tear resistance, short cycle time Information provided by Wanhua Chemical Group Co., Ltd.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Wanhua-Chemical-Wanthane-WHT-1185-Polyester-Based-TPU.php](http://www.lookpolymers.com/polymer_Wanhua-Chemical-Wanthane-WHT-1185-Polyester-Based-TPU.php)

Physical Properties	Metric	English	Comments
Density	1.19 g/cc	0.0430 lb/in <sup>3</sup>	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	85	85	ASTM D2240
Tensile Strength	33.0 MPa	4790 psi	ASTM D412
Elongation at Break	520 %	520 %	ASTM D412
100% Modulus	0.00600 GPa	0.870 ksi	ASTM D412
300% Modulus	0.0120 GPa	1.74 ksi	ASTM D412
Tear Strength	100 kN/m	571 pli	ASTM D624

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	-40.0 °C	-40.0 °F	ASTM D3418

Processing Properties	Metric	English	Comments
Processing Temperature	185 - 205 °C	365 - 401 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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