

## Wanhua Chemical Wanthane® WHT-1564 Polyester Based TPU

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

**Material Notes:**

Low cost, good mechanical properties, good processability Information provided by Wanhua Chemical Group Co., Ltd.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Wanhua-Chemical-Wanthane-WHT-1564-Polyester-Based-TPU.php](http://www.lookpolymers.com/polymer_Wanhua-Chemical-Wanthane-WHT-1564-Polyester-Based-TPU.php)

Physical Properties	Metric	English	Comments
Density	1.21 g/cc	0.0437 lb/in <sup>3</sup>	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	64	64	ASTM D2240
Tensile Strength	40.0 MPa	5800 psi	ASTM D412
Elongation at Break	400 %	400 %	ASTM D412
100% Modulus	0.0180 GPa	2.61 ksi	ASTM D412
300% Modulus	0.0400 GPa	5.80 ksi	ASTM D412
Tear Strength	160 kN/m	913 pli	ASTM D624
Abrasion	42	42	Abrasion resistance, mm <sup>3</sup> /sup>; ISO 4649

Processing Properties	Metric	English	Comments
Processing Temperature	200 - 220 °C	392 - 428 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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