

## Wanhua Chemical Wanthane® WHT-1695AB Polyester Based TPU

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

### Material Notes:

Stable melt viscosity, outstanding toughness & tear resistance, good workability for high frequency welding Information provided by Wanhua Chemical Group Co., Ltd.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Wanhua-Chemical-Wanthane-WHT-1695AB-Polyester-Based-TPU.php](http://www.lookpolymers.com/polymer_Wanhua-Chemical-Wanthane-WHT-1695AB-Polyester-Based-TPU.php)

Physical Properties	Metric	English	Comments
Density	1.20 g/cc	0.0434 lb/in <sup>3</sup>	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	95	95	ASTM D2240
Hardness, Shore D	55	55	ASTM D2240
Tensile Strength	42.0 MPa	6090 psi	ASTM D412
Elongation at Break	460 %	460 %	ASTM D412
100% Modulus	0.00900 GPa	1.31 ksi	ASTM D412
300% Modulus	0.0180 GPa	2.61 ksi	ASTM D412
Tear Strength	122 kN/m	696 pli	ASTM D624
Abrasion	122	122	Abrasion resistance, mm <sup>3</sup> /mm <sup>3</sup> ; ISO 4649

Processing Properties	Metric	English	Comments
Processing Temperature	190 - 210 °C	374 - 410 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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