

Wanhua Chemical Wanthane® WHT-1685AD 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-1685AD-Polyester-Based-TPU.php

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

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	85	85	ASTM D2240
Tensile Strength	32.0 MPa	4640 psi	ASTM D412
Elongation at Break	610 %	610 %	ASTM D412
100% Modulus	0.00600 GPa	0.870 ksi	ASTM D412
300% Modulus	0.0120 GPa	1.74 ksi	ASTM D412
Tear Strength	90.0 kN/m	514 pli	ASTM D624
Abrasion	90	90	Abrasion resistance, mm ^{<sup>3</sup>} ; ISO 4649

Processing Properties	Metric	English	Comments
Processing Temperature	160 - 180 °C	320 - 356 °F	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China