

Wanhua Chemical Wanthane® WHT-1680AB 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-1680AB-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	80	80	ASTM D2240
Tensile Strength	30.0 MPa	4350 psi	ASTM D412
Elongation at Break	710 %	710 %	ASTM D412
100% Modulus	0.00500 GPa	0.725 ksi	ASTM D412
300% Modulus	0.00900 GPa	1.31 ksi	ASTM D412
Tear Strength	80.0 kN/m	456 pli	ASTM D624
Abrasion	80	80	Abrasion resistance, mm ³ /mm ³ ; ISO 4649

Processing Properties	Metric	English	Comments
Processing Temperature	150 - 170 °C	302 - 338 °F	

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