

Wanhua Chemical Wanthane® WHT-1690AB 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-1690AB-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	90	90	ASTM D2240
Tensile Strength	37.0 MPa	5370 psi	ASTM D412
Elongation at Break	550 %	550 %	ASTM D412
100% Modulus	0.00700 GPa	1.02 ksi	ASTM D412
300% Modulus	0.0130 GPa	1.89 ksi	ASTM D412
Tear Strength	102 kN/m	582 pli	ASTM D624
Abrasion	102	102	Abrasion resistance, mm ³ ; ISO 4649

Processing Properties	Metric	English	Comments
Processing Temperature	190 - 205 °C	374 - 401 °F	

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