

Wanhua Chemical Wanthane® WHT-1164 Polyester Based TPU

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

Material Notes:

Excellent mechanical properties, high abrasion resistance, tear resistance, short cycle time Information provided by Wanhua Chemical Group Co., Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Wanhua-Chemical-Wanthane-WHT-1164-Polyester-Based-TPU.php

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

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	72	72	ASTM D2240
Tensile Strength	42.0 MPa	6090 psi	ASTM D412
Elongation at Break	370 %	370 %	ASTM D412
100% Modulus	0.0260 GPa	3.77 ksi	ASTM D412
300% Modulus	0.0360 GPa	5.22 ksi	ASTM D412
Tear Strength	193 kN/m	1100 pli	ASTM D624
Abrasion	45	45	Abrasion resistance, mm ³ ; ISO 4649

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

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