

Wanhua Chemical Wanthane® WHT-1172 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-1172-Polyester-Based-TPU.php

Physical Properties	Metric	English	Comments
Density	1.22 g/cc	0.0441 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength	43.0 MPa	6240 psi	ASTM D412
Elongation at Break	350 %	350 %	ASTM D412
100% Modulus	0.0280 GPa	4.06 ksi	ASTM D412
300% Modulus	0.0370 GPa	5.37 ksi	ASTM D412
Tear Strength	220 kN/m	1260 pli	ASTM D624
Abrasion	42	42	Abrasion resistance, mm ³ /ISO 4649

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

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