

Wanhua Chemical Wanthane® WHT-1190 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-1190-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	36.0 MPa	5220 psi	ASTM D412
Elongation at Break	440 %	440 %	ASTM D412
100% Modulus	0.00900 GPa	1.31 ksi	ASTM D412
300% Modulus	0.0200 GPa	2.90 ksi	ASTM D412
Tear Strength	115 kN/m	656 pli	ASTM D624

Processing Properties	Metric	English	Comments
Processing Temperature	190 - 210 °C	374 - 410 °F	

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