

Wanhua Chemical Wanthane® WHT-1198 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-1198-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 A	98	98	ASTM D2240
Hardness, Shore D	60	60	ASTM D2240
Tensile Strength	40.0 MPa	5800 psi	ASTM D412
Elongation at Break	430 %	430 %	ASTM D412
100% Modulus	0.0170 GPa	2.47 ksi	ASTM D412
300% Modulus	0.0320 GPa	4.64 ksi	ASTM D412
Tear Strength	170 kN/m	970 pli	ASTM D624

Processing Properties	Metric	English	Comments
Processing Temperature	195 - 215 °C	383 - 419 °F	

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