

Wanhua Chemical Wanthane® WHT-2180 Polycaprolactone Based TPU

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

Material Notes:

Low compression set, good oil resistance & hydrolytic stability, good abrasion resistance, low temperature flexibility
Information provided by Wanhua Chemical Group Co., Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Wanhua-Chemical-Wanthane-WHT-2180-Polycaprolactone-Based-TPU.php

Physical Properties	Metric	English	Comments
Density	1.18 g/cc	0.0426 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	80	80	ASTM D2240
Tensile Strength	24.0 MPa	3480 psi	ASTM D412
Elongation at Break	560 %	560 %	ASTM D412
100% Modulus	0.00400 GPa	0.580 ksi	ASTM D412
300% Modulus	0.00800 GPa	1.16 ksi	ASTM D412
Tear Strength	100 kN/m	571 pli	ASTM D624

Processing Properties	Metric	English	Comments
Processing Temperature	180 - 200 °C	356 - 392 °F	

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