

Wanhua Chemical Wanthane® WHT-2195 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-2195-Polycaprolactone-Based-TPU.php

Physical Properties	Metric	English	Comments
Density	1.20 g/cc	0.0434 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	95	95	ASTM D2240
Hardness, Shore D	55	55	ASTM D2240
Tensile Strength	31.0 MPa	4500 psi	ASTM D412
Elongation at Break	490 %	490 %	ASTM D412
100% Modulus	0.0100 GPa	1.45 ksi	ASTM D412
300% Modulus	0.0190 GPa	2.76 ksi	ASTM D412
Tear Strength	125 kN/m	713 pli	ASTM D624

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

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