

Wanhua Chemical Wanthane® WHT-7180 Polycaprolactone Based TPU

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

Material Notes:

Higher mechanical strength, good hydrolytic stability & chemical resistance, weather resistance, heat & fungus resistance. Information provided by Wanhua Chemical Group Co., Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Wanhua-Chemical-Wanthane-WHT-7180-Polycaprolactone-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	80	80	ASTM D2240
Tensile Strength	30.0 MPa	4350 psi	ASTM D412
Elongation at Break	400 %	400 %	ASTM D412
100% Modulus	0.00600 GPa	0.870 ksi	ASTM D412
300% Modulus	0.0190 GPa	2.76 ksi	ASTM D412
Tear Strength	85.0 kN/m	485 pli	ASTM D624

Processing Properties	Metric	English	Comments
Processing Temperature	185 - 200 °C	365 - 392 °F	

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