

Wanhua Chemical Wanthane® WHT-A880 Aliphatic TPU

Category : Polymer , Thermoplastic , Elastomer, TPE , Polyurethane TPE , Polyurethane, TP

Material Notes:

Non-yellowish, high tensile strength, good abrasion resistance, excellent hydrolytic stability, fungus 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-A880-Aliphatic-TPU.php

Physical Properties	Metric	English	Comments
Density	1.08 g/cc	0.0390 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	80	80	ASTM D2240
Tensile Strength	14.0 MPa	2030 psi	ASTM D412
Elongation at Break	550 %	550 %	ASTM D412
100% Modulus	0.00400 GPa	0.580 ksi	ASTM D412
300% Modulus	0.00700 GPa	1.02 ksi	ASTM D412
Tear Strength	55.0 kN/m	314 pli	ASTM D624

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	-55.0 °C	-67.0 °F	

Processing Properties	Metric	English	Comments
Processing Temperature	170 - 190 °C	338 - 374 °F	

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