

Wanhua Chemical Wanthane® WHT-8185 Polyether-Based TPU

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

Material Notes:

Excellent hydrolytic stability, fungus resistance, low temperature flexibility & UV 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-8185-Polyether-Based-TPU.php

Physical Properties	Metric	English	Comments
Density	1.11 g/cc	0.0401 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	85	85	ASTM D2240
Tensile Strength	26.0 MPa	3770 psi	ASTM D412
Elongation at Break	500 %	500 %	ASTM D412
100% Modulus	0.00700 GPa	1.02 ksi	ASTM D412
300% Modulus	0.0120 GPa	1.74 ksi	ASTM D412
Tear Strength	80.0 kN/m	456 pli	ASTM D624

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	-45.0 °C	-49.0 °F	

Processing Properties	Metric	English	Comments
Processing Temperature	180 - 195 °C	356 - 383 °F	

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