

Wanhua Chemical Wanthane® WHT-8190 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-8190-Polyether-Based-TPU.php

Physical Properties	Metric	English	Comments
Density	1.12 g/cc	0.0405 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	90	90	ASTM D2240
Tensile Strength	28.0 MPa	4060 psi	ASTM D412
Elongation at Break	450 %	450 %	ASTM D412
100% Modulus	0.0100 GPa	1.45 ksi	ASTM D412
300% Modulus	0.0250 GPa	3.63 ksi	ASTM D412
Tear Strength	100 kN/m	571 pli	ASTM D624

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	-40.0 °C	-40.0 °F	

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

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