

Wanhua Chemical Wanthane® WHT-8264 Polyether-Based TPU

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

Material Notes:

Excellent transparency, short cycle time, 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-8264-Polyether-Based-TPU.php

Physical Properties	Metric	English	Comments
Density	1.14 g/cc	0.0412 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	64	64	ASTM D2240
Tensile Strength	30.0 MPa	4350 psi	ASTM D412
Elongation at Break	300 %	300 %	ASTM D412
100% Modulus	0.0120 GPa	1.74 ksi	ASTM D412
300% Modulus	0.0200 GPa	2.90 ksi	ASTM D412
Tear Strength	120 kN/m	685 pli	ASTM D624

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	-25.0 °C	-13.0 °F	

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

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