

Wanhua Chemical Wanthane® WHT-8280H Super Hard Polyether-Based TPU

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

Material Notes:

Low mold shrinkage, good impact resistance, perfect transparency, good mold release, fatigue resistance, chemical & hydrolytic 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-8280H-Super-Hard-Polyether-Based-TPU.php

Physical Properties	Metric	English	Comments
Density	1.15 g/cc	0.0415 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	80	80	ASTM D2240
Tensile Strength	40.0 MPa	5800 psi	ASTM D412
Elongation at Break	150 %	150 %	ASTM D412
100% Modulus	0.0350 GPa	5.08 ksi	ASTM D412
Tear Strength	200 kN/m	1140 pli	ASTM D624

Processing Properties	Metric	English	Comments
Processing Temperature	190 - 220 °C	374 - 428 °F	

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