

Wanhua Chemical Wanthane® WHT-1565 Polyester Based TPU

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

Material Notes:

Plasticizer free, excellent abrasion & slip resistance, low temperature flexibility, good mechanical properties, good processability
Information provided by Wanhua Chemical Group Co., Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Wanhua-Chemical-Wanthane-WHT-1565-Polyester-Based-TPU.php

Physical Properties	Metric	English	Comments
Density	1.18 g/cc	0.0426 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	66	66	ASTM D2240
Tensile Strength	25.0 MPa	3630 psi	ASTM D412
Elongation at Break	750 %	750 %	ASTM D412
100% Modulus	0.00300 GPa	0.435 ksi	ASTM D412
300% Modulus	0.00600 GPa	0.870 ksi	ASTM D412
Tear Strength	70.0 kN/m	399 pli	ASTM D624
Abrasion	50	50	Abrasion resistance, mm ³ ; ISO 4649

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

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