

Wanhua Chemical Wanthane® WHT-1495RV Polyester Based TPU

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

Material Notes:

Good extrusion stability, high transparency, excellent mechanical properties Information provided by Wanhua Chemical Group Co., Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Wanhua-Chemical-Wanthane-WHT-1495RV-Polyester-Based-TPU.php

Physical Properties	Metric	English	Comments
Density	1.21 g/cc	0.0437 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	95	95	ASTM D2240
Hardness, Shore D	55	55	ASTM D2240
Tensile Strength	40.0 MPa	5800 psi	ASTM D412
Elongation at Break	425 %	425 %	ASTM D412
100% Modulus	0.0130 GPa	1.89 ksi	ASTM D412
300% Modulus	0.0300 GPa	4.35 ksi	ASTM D412
Tear Strength	150 kN/m	856 pli	ASTM D624
Abrasion	150	150	Abrasion resistance, mm ^{<sup>3</sup>} ; ISO 4649

Processing Properties	Metric	English	Comments
Processing Temperature	190 - 210 °C	374 - 410 °F	

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