

Wanhua Chemical Wanthane® WHT-1490IV 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-1490IV-Polyester-Based-TPU.php

Physical Properties	Metric	English	Comments
Density	1.20 g/cc	0.0434 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	90	90	ASTM D2240
Tensile Strength	37.0 MPa	5370 psi	ASTM D412
Elongation at Break	460 %	460 %	ASTM D412
100% Modulus	0.00700 GPa	1.02 ksi	ASTM D412
300% Modulus	0.0120 GPa	1.74 ksi	ASTM D412
Tear Strength	100 kN/m	571 pli	ASTM D624
Abrasion	100	100	Abrasion resistance, mm ^{<sup>3</sup>} ; ISO 4649

Processing Properties	Metric	English	Comments
Processing Temperature	185 - 205 °C	365 - 401 °F	

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