

## Wanhua Chemical Wanthane® WHT-7185 Polycaprolactone Based TPU

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

### Material Notes:

Higher mechanical strength, good hydrolytic stability & chemical resistance, weather resistance, heat & fungus 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-7185-Polycaprolactone-Based-TPU.php](http://www.lookpolymers.com/polymer_Wanhua-Chemical-Wanthane-WHT-7185-Polycaprolactone-Based-TPU.php)

Physical Properties	Metric	English	Comments
Density	1.22 g/cc	0.0441 lb/in <sup>3</sup>	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	85	85	ASTM D2240
Tensile Strength	35.0 MPa	5080 psi	ASTM D412
Elongation at Break	350 %	350 %	ASTM D412
100% Modulus	0.00800 GPa	1.16 ksi	ASTM D412
300% Modulus	0.0230 GPa	3.34 ksi	ASTM D412
Tear Strength	100 kN/m	571 pli	ASTM D624

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

## Contact Songhan Plastic Technology Co.,Ltd.

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