

WANTHANE® WHT-8185

TPU

Wanhua Chemical Group Co., Ltd.

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Modulus at 100% Elongation	7	MPa	ASTM D 412
Modulus at 300% Elongation	12	MPa	ASTM D 412
Shore A Hardness	85	-	ASTM D 2240
Tear Strength	80	kN/m	ASTM D 624
Tensile Strength	26	MPa	ASTM D 412
Elongation at Break	500	%	ASTM D 412

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Glass Transition Temperature	-45	°C	ASTM E 1356

Other properties	Value	Unit	Test Standard
Density	1110	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding, Film Extrusion, Sheet Extrusion, Wire/Cable Extrusion, Other Extrusion

Special Characteristics

U.V. stabilized or stable to weather

Features

Fungus Resistance

Chemical Resistance

Hydrolytically Stable

Certifications

Food contact, Food approval FDA 21 CFR, US Pharmacopeia Class VI Approved

Applications

Medical, Sports Equipment

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa