

WANTHANE® WHT-8280

TPU

Wanhua Chemical Group Co., Ltd.

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Modulus at 100% Elongation	6	MPa	ASTM D 412
Modulus at 300% Elongation	10	MPa	ASTM D 412
Shore A Hardness	80	-	ASTM D 2240
Tear Strength	75	kN/m	ASTM D 624
Tensile Strength	23	MPa	ASTM D 412
Elongation at Break	600	%	ASTM D 412

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Glass Transition Temperature	-50	°C	ASTM E 1356

Other properties	Value	Unit	Test Standard
Density	1100	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding, Other Extrusion

Special Characteristics

U.V. stabilized or stable to weather, Transparent

Features

Fungus Resistance

Chemical Resistance

Hydrolytically Stable

Certifications

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

Regional Availability

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