

WANTHANE® WHT-1172

TPU

Wanhua Chemical Group Co., Ltd.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Abrasion resistance	42	mm ³	ISO 4649
ASTM Data			
Modulus at 100% Elongation	28	MPa	ASTM D 412
Modulus at 300% Elongation	37	MPa	ASTM D 412
Shore D Hardness	72	-	ASTM D 2240
Tear Strength	220	kN/m	ASTM D 624
Tensile Strength	43	MPa	ASTM D 412
Elongation at Break	350	%	ASTM D 412

Other properties	Value	Unit	Test Standard
Density	1220	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding, Wire/Cable Extrusion, Other Extrusion, Calandering

Chemical Resistance

Oil Resistance

Certifications

Food contact, Food approval FDA 21 CFR

Applications

Automotive, Electrical and Electronical

Regional Availability

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