

WANTHANE® WHT-1695AB

TPU

Wanhua Chemical Group Co., Ltd.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Abrasion resistance	79	mm ³	ISO 4649
ASTM Data			
Modulus at 100% Elongation	9	MPa	ASTM D 412
Modulus at 300% Elongation	18	MPa	ASTM D 412
Shore A Hardness	95	-	ASTM D 2240
Shore D Hardness	55	-	ASTM D 2240
Tear Strength	122	kN/m	ASTM D 624
Tensile Strength	42	MPa	ASTM D 412
Elongation at Break	460	%	ASTM D 412

Other properties	Value	Unit	Test Standard
Density	1200	kg/m ³	ASTM D 792

Characteristics**Processing**

Film Extrusion, Sheet Extrusion, Other Extrusion, Coating, Blow Molding

Certifications

Food contact, Food approval FDA 21 CFR

Applications

Sports Equipment

Regional Availability

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