

ISOTHANE 1080AF

TPU

Great Eastern Resins Industrial Co., Ltd.

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Modulus at 100% Elongation	4.8	MPa	ASTM D 412
Modulus at 300% Elongation	12	MPa	ASTM D 412
Shore A Hardness	82	-	ASTM D 2240
Tear Strength	80	kN/m	ASTM D 624
Compression Set , 22 hr @ 73 °F	25	%	ASTM D 395
Compression Set , 22 hr @ 158 °F	75	%	ASTM D 395
Tensile Strength	33	MPa	ASTM D 412
Elongation at Break	600	%	ASTM D 412

Other properties	Value	Unit	Test Standard
Density	1180	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding, Other Extrusion, Blow Molding

Certifications

Food contact, Food approval FDA 21 CFR

Chemical Resistance

Solvent Resistance

Regional Availability

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