

ISOTHANE 1055D

TPU

Great Eastern Resins Industrial Co., Ltd.

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Modulus at 100% Elongation	19	MPa	ASTM D 412
Modulus at 300% Elongation	33	MPa	ASTM D 412
Shore D Hardness	57	-	ASTM D 2240
Tear Strength	120	kN/m	ASTM D 624
Compression Set , 22 hr @ 73 °F	25	%	ASTM D 395
Compression Set , 22 hr @ 158 °F	30	%	ASTM D 395
Tensile Strength	43	MPa	ASTM D 412
Elongation at Break	450	%	ASTM D 412

Other properties	Value	Unit	Test Standard
Density	1210	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding, Other Extrusion, Blow Molding

Chemical Resistance

Solvent Resistance

Applications

Electrical and Electronical, General Purpose, Sports Equipment

Regional Availability

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