

ISOTHANE 5080A

TPU

Great Eastern Resins Industrial Co., Ltd.

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Modulus at 100% Elongation	5.4	MPa	ASTM D 412
Modulus at 300% Elongation	10	MPa	ASTM D 412
Shore A Hardness	82	-	ASTM D 2240
Tear Strength	450	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	37	MPa	ASTM D 412
Elongation at Break	620	%	ASTM D 412

Other properties	Value	Unit	Test Standard
Density	1120	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding, Other Extrusion, Blow Molding

Features

Fungus Resistance

Chemical Resistance

Hydrolytically Stable

Applications

Medical

Regional Availability

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