

ISOTHANE 3055D

TPU

Great Eastern Resins Industrial Co., Ltd.

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Modulus at 100% Elongation	17	MPa	ASTM D 412
Modulus at 300% Elongation	31	MPa	ASTM D 412
Shore D Hardness	55	-	ASTM D 2240
Tear Strength	850	kN/m	ASTM D 624
Compression Set , 22 hr @ 73 °F	25	%	ASTM D 395
Compression Set , 22 hr @ 158 °F	35	%	ASTM D 395
Tensile Strength	44	MPa	ASTM D 412
Elongation at Break	430	%	ASTM D 412

Other properties	Value	Unit	Test Standard
Density	1160	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding, Other Extrusion, Blow Molding

Features

Fungus Resistance

Chemical Resistance

Hydrolytically Stable

Applications

General Purpose, Sports Equipment

Regional Availability

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