

ISOTHANE 3090AF

TPU

Great Eastern Resins Industrial Co., Ltd.

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Modulus at 100% Elongation	8.3	MPa	ASTM D 412
Modulus at 300% Elongation	17	MPa	ASTM D 412
Shore A Hardness	90	-	ASTM D 2240
Tear Strength	700	kN/m	ASTM D 624
Compression Set , 22 hr @ 73 °F	25	%	ASTM D 395
Compression Set , 22 hr @ 158 °F	40	%	ASTM D 395
Tensile Strength	41	MPa	ASTM D 412
Elongation at Break	550	%	ASTM D 412

Other properties	Value	Unit	Test Standard
Density	1140	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding, Other Extrusion, Blow Molding

Features

Fungus Resistance

Chemical Resistance

Hydrolytically Stable

Certifications

Food contact, Food approval FDA 21 CFR

Regional Availability

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