

ISOTHANE 1190A

TPU

Great Eastern Resins Industrial Co., Ltd.

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Modulus at 100% Elongation	7.6	MPa	ASTM D 412
Modulus at 300% Elongation	12	MPa	ASTM D 412
Shore A Hardness	90	-	ASTM D 2240
Shore D Hardness	57	-	ASTM D 2240
Tear Strength	110	kN/m	ASTM D 624
Tensile Strength	35	MPa	ASTM D 412
Elongation at Break	600	%	ASTM D 412

Other properties	Value	Unit	Test Standard
Density	1200	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding, Other Extrusion

Special Characteristics

Transparent

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