

**ISOTHANE 1180A**

TPU

Great Eastern Resins Industrial Co., Ltd.

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Modulus at 100% Elongation	<b>4.8</b>	MPa	ASTM D 412
Modulus at 300% Elongation	<b>8.1</b>	MPa	ASTM D 412
Shore A Hardness	<b>83</b>	-	ASTM D 2240
Tear Strength	<b>90</b>	kN/m	ASTM D 624
Tensile Strength	<b>28</b>	MPa	ASTM D 412
Elongation at Break	<b>650</b>	%	ASTM D 412

  

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1180</b>	kg/m <sup>3</sup>	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