

**Estane® AG 8451 TPU**

TPU

Lubrizol Advanced Materials Spain S.L.

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Modulus at 100% Elongation	<b>3.45</b>	MPa	ASTM D 412
Modulus at 300% Elongation	<b>13.8</b>	MPa	ASTM D 412
Tear Strength	<b>56</b>	kN/m	ASTM D 624
Compression Set , 22 hr @ 73 °F	<b>23</b>	%	ASTM D 395
Compression Set , 22 hr @ 158 °F	<b>95</b>	%	ASTM D 395

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Glass Transition Temperature	<b>-51.1</b>	°C	ASTM E 1356

<b>Optical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Haze	<b>0.15</b>	%	ASTM D 1003
Light Transmittance	<b>90</b>	%	ASTM D 1003
Index of Refraction	<b>1.5</b>	-	ASTM D 542

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1080</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Features**

Good Adhesion

**Applications**

General Purpose

**Regional Availability**

North America, Europe, Asia Pacific