

**Estane® 58133 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>			
Flexural Modulus	<b>158.6</b>	MPa	ASTM D 790
Modulus at 100% Elongation	<b>14.5</b>	MPa	ASTM D 412
Modulus at 300% Elongation	<b>8.96</b>	MPa	ASTM D 412
Shore D Hardness	<b>55</b>	-	ASTM D 2240
Tear Strength	<b>158</b>	kN/m	ASTM D 624
Compression Set , 22 hr @ 73 °F	<b>37</b>	%	ASTM D 395
Compression Set , 22 hr @ 158 °F	<b>49</b>	%	ASTM D 395

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Melting Temperature	<b>221</b>	°C	ASTM D 3418
Glass Transition Temperature	<b>-30</b>	°C	ASTM E 1356

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1240</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Injection Molding

**Regional Availability**

North America, Europe, Asia Pacific

**Delivery form**

Pellets