

**Estane® 58202 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>5.52</b>	MPa	ASTM D 412
Modulus at 300% Elongation	<b>2.41</b>	MPa	ASTM D 412
Shore A Hardness	<b>85</b>	-	ASTM D 2240
Tear Strength	<b>63</b>	kN/m	ASTM D 624

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
UL 94 Flame rating	<b>V-0</b>	-	UL 94
Melting Temperature	<b>154</b>	°C	ASTM D 3418
Glass Transition Temperature	<b>-45</b>	°C	ASTM E 1356
Limiting Oxygen Index	<b>32</b>	%	ASTM D 2863

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1250</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Wire/Cable Extrusion, Other Extrusion

**Delivery form**

Pellets

**Special Characteristics**

Flame retardant

**Chemical Resistance**

General Chemical Resistance, Oil Resistance

**Regional Availability**

North America, Europe, Asia Pacific