

**Estane® GP 55DB TPU**

TPU

Lubrizol Advanced Materials Spain S.L.

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>110</b>	MPa	ISO 527
Stress at 100% elongation	<b>16.5</b>	MPa	ISO 527
Stress at 300% elongation	<b>27.5</b>	MPa	ISO 527
Stress at break TPE	<b>48</b>	MPa	ISO 527
Strain at break TPE	<b>&gt;300</b>	%	ISO 527
Compression set at 23 °C, 24h	<b>25</b>	%	ISO 815
Compression set at 70 °C, 24h	<b>42</b>	%	ISO 815
Tear strength	<b>170</b>	kN/m	ISO 34-1
Abrasion resistance	<b>40</b>	mm <sup>3</sup>	ISO 4649
Shore D hardness	<b>54</b>	-	ISO 7619-1

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Vicat softening temperature, A	<b>124</b>	°C	ISO 306

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1230</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Processing**

Injection Molding

**Regional Availability**

North America, Europe, Asia Pacific

**Delivery form**

Pellets