

**Pearlbond™ 123**

TPU

Lubrizol Advanced Materials Spain S.L.

**Product Texts**

Polycaprolactone-based polyurethane.

Extrusion or sintering process.

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melt flow index, MFI	<b>80</b>	g/10min	ISO 1133
Temperature	<b>170</b>	°C	-
Load	<b>2.16</b>	kg	-

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
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>			
Melting temperature, 10°C/min	<b>62</b>	°C	ISO 11357-1/-3

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1190</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Processing**

Other Extrusion, Coating

**Features**

Good Adhesion, Heat Sealable, High Crystallinity

**Delivery form**

Pellets, White

**Regional Availability**

North America, Europe