

**Pearlcoat® 165K**

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 Strength	<b>30</b>	MPa	ISO 527
Stress at 50% strain	<b>6</b>	MPa	ISO 527
Stress at 100% elongation	<b>7</b>	MPa	ISO 527
Stress at 300% elongation	<b>12</b>	MPa	ISO 527
Strain at break TPE	<b>450</b>	%	ISO 527
Tear strength	<b>85</b>	kN/m	ISO 34-1
Abrasion resistance	<b>25</b>	mm <sup>3</sup>	ISO 4649
Shore A hardness	<b>91</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>70</b>	°C	ISO 306

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1120</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Processing**

Coating

**Regional Availability**

North America, Europe