

**Pearlcoat® 162K**

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>4</b>     | MPa             | ISO 527              |
| Stress at 100% elongation    | <b>5</b>     | MPa             | ISO 527              |
| Stress at 300% elongation    | <b>10</b>    | MPa             | ISO 527              |
| Strain at break TPE          | <b>550</b>   | %               | ISO 527              |
| Tear strength                | <b>68</b>    | kN/m            | ISO 34-1             |
| Abrasion resistance          | <b>25</b>    | mm <sup>3</sup> | ISO 4649             |
| Shore A hardness             | <b>82</b>    | -               | ISO 7619-1           |

| <b>Other properties</b> | <b>Value</b> | <b>Unit</b>       | <b>Test Standard</b> |
|-------------------------|--------------|-------------------|----------------------|
| Density                 | <b>1110</b>  | kg/m <sup>3</sup> | ISO 1183             |

**Characteristics****Processing**

Coating

**Regional Availability**

North America, Europe

**Chemical Resistance**

Hydrolytically Stable