

**Estane® 58070 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>4.14</b>  | MPa         | ASTM D 412           |
| Modulus at 300% Elongation   | <b>2.07</b>  | MPa         | ASTM D 412           |
| Shore A Hardness             | <b>72</b>    | -           | ASTM D 2240          |
| Tear Strength                | <b>78.8</b>  | kN/m        | ASTM D 624           |

| <b>Thermal properties</b>    | <b>Value</b> | <b>Unit</b> | <b>Test Standard</b> |
|------------------------------|--------------|-------------|----------------------|
| <b>ASTM Data</b>             |              |             |                      |
| Melting Temperature          | <b>166</b>   | °C          | ASTM D 3418          |
| Glass Transition Temperature | <b>-52.2</b> | °C          | ASTM E 1356          |

| <b>Other properties</b> | <b>Value</b> | <b>Unit</b>       | <b>Test Standard</b> |
|-------------------------|--------------|-------------------|----------------------|
| Density                 | <b>1170</b>  | kg/m <sup>3</sup> | ASTM D 792           |

**Characteristics****Processing**

Injection Molding, Pipe/Tube Extrusion, Wire/Cable Extrusion, Coating

**Delivery form**

Pellets

**Features**

Soft Feel

**Regional Availability**

North America, Europe, Asia Pacific