

**Estane® ETE 55DT3 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>19.3</b>  | MPa         | ASTM D 412           |
| Modulus at 300% Elongation   | <b>14</b>    | MPa         | ASTM D 412           |
| Shore D Hardness             | <b>55</b>    | -           | ASTM D 2240          |
| Tear Strength                | <b>142</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>181</b>   | °C          | ASTM D 3418          |
| Glass Transition Temperature | <b>-36.1</b> | °C          | ASTM E 1356          |

| <b>Other properties</b> | <b>Value</b> | <b>Unit</b>       | <b>Test Standard</b> |
|-------------------------|--------------|-------------------|----------------------|
| Density                 | <b>1160</b>  | kg/m <sup>3</sup> | ASTM D 792           |

**Characteristics****Processing**

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

**Delivery form**

Pellets

**Special Characteristics**

U.V. stabilized or stable to weather, Transparent

**Regional Availability**

North America, Europe, Asia Pacific