

**FORPRENE® 6ZE901A55 NERO - TPV**

| <b>Physical properties</b> | <b>Value</b> | <b>Unit</b>        | <b>Test Standard</b> |
|----------------------------|--------------|--------------------|----------------------|
| Density                    | 60.6         | lb/ft <sup>3</sup> | ISO 1183             |

| <b>Mechanical properties (TPE)</b>      | <b>Value</b> | <b>Unit</b> | <b>Test Standard</b> |
|---|--------------|-------------|----------------------|
| Tensile stress at 100%, perpendicular   | 247          | psi         | ISO 37               |
| Tensile stress at 300%, perpendicular   | 479          | psi         | ISO 37               |
| Compression set, 70 °C, 22h, Type A     | 39           | %           | ISO 815              |
| Tensile strain at break, perpendicular  | 368          | %           | ISO 37               |
| Tensile stress at break, perpendicular  | 551          | psi         | ISO 37               |
| Shore A hardness-TPE, 15s               | 57           | -           | ISO 868              |
| Tear strength, Method Ba, perpendicular | 85.7         | lb/in       | ISO 34-1             |
| Tensile set (elastomers)                | 10           | %           | ASTM D412            |

**Typical extrusion processing conditions**

| <b>Temperature</b>   | <b>Value</b> | <b>Unit</b> |
|----------------------|--------------|-------------|
| Zone 1 temperature   | 320 - 338    | °F          |
| Zone 2 temperature   | 347 - 365    | °F          |
| Zone 3 temperature   | 356 - 374    | °F          |
| Die head temperature | 365 - 383    | °F          |

**Other text information**
**Pre-drying**

3h@80C

**Longer pre-drying times/storage**

Forprene must be stored indoors in the original, unopened and undamaged packaging, away from direct sunlight, moisture and heat.