

**FORPRENE® 6NM901A85 NERO - TPV**

| Physical properties | Value | Unit   | Test Standard |
|---------------------|-------|--------|---------------|
| Density             | 59.8  | lb/ft³ | ISO 1183      |

| Mechanical properties (TPE)             | Value | Unit  | Test Standard |
|-----------------------------------------|-------|-------|---------------|
| Tensile stress at 100%, perpendicular   | 696   | psi   | ISO 37        |
| Tensile stress at 300%, perpendicular   | 885   | psi   | ISO 37        |
| Compression set, 70 °C, 22h, Type A     | 49    | %     | ISO 815       |
| Tensile strain at break, perpendicular  | 585   | %     | ISO 37        |
| Tensile stress at break, perpendicular  | 1350  | psi   | ISO 37        |
| Shore A hardness-TPE, 15s               | 88    | -     | ISO 868       |
| Tear strength, Method Ba, perpendicular | 269   | lb/in | ISO 34-1      |
| Tensile set (elastomers)                | 26    | %     | ASTM D412     |

**Typical injection moulding processing conditions**

| Temperature        | Value     | Unit |
|--------------------|-----------|------|
| Zone1 temperature  | 347 - 365 | °F   |
| Zone2 temperature  | 365 - 383 | °F   |
| Zone3 temperature  | 374 - 392 | °F   |
| Nozzle temperature | 383 - 401 | °F   |
| Mold temperature   | 68 - 104  | °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.

**Characteristics**

**Processing** Injection molding

