

## FORPRENE® 6NM901A50 NERO - TPV

| Physical properties | Value | Unit   | Test Standard |
|---------------------|-------|--------|---------------|
| Density             | 59.7  | lb/ft³ | ISO 1183      |

| Mechanical properties (TPE)             | Value | Unit  | Test Standard |
|-----------------------------------------|-------|-------|---------------|
| Tensile stress at 100%, perpendicular   | 247   | psi   | ISO 37        |
| Tensile stress at 300%, perpendicular   | 435   | psi   | ISO 37        |
| Compression set, 70 °C, 22h, Type A     | 33    | %     | ISO 815       |
| Tensile strain at break, perpendicular  | 456   | %     | ISO 37        |
| Tensile stress at break, perpendicular  | 566   | psi   | ISO 37        |
| Shore A hardness-TPE, 15s               | 52    | -     | ISO 868       |
| Tear strength, Method Ba, perpendicular | 109   | lb/in | ISO 34-1      |

## Typical injection moulding processing conditions

| Temperature        | Value     | Unit |
|--------------------|-----------|------|
| Zone1 temperature  | 311 - 329 | °F   |
| Zone2 temperature  | 329 - 347 | °F   |
| Zone3 temperature  | 347 - 365 | °F   |
| Nozzle temperature | 356 - 374 | °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

