

## FORPRENE® NERO 6M5901D50 - TPV

| Physical properties | Value | Unit              | Test Standard |
|---------------------|-------|-------------------|---------------|
| Density             | 963   | kg/m <sup>3</sup> | ISO 1183      |

| Mechanical properties (TPE)   | Value | Unit | Test Standard |
|-------------------------------|-------|------|---------------|
| Tensile stress at 100% strain | 11.9  | MPa  | ISO 37        |
| Tensile stress at 300% strain | 12.1  | MPa  | ISO 37        |
| Tensile strain at break (TPE) | 648   | %    | ISO 37        |
| Tensile stress at break (TPE) | 21.9  | MPa  | ISO 37        |
| Shore D hardness, 15s         | 52    | -    | ISO 868       |
| Tear strength                 | 72    | kN/m | ISO 34-1      |

### Typical injection moulding processing conditions

| Temperature        | Value     | Unit | Test Standard |
|--------------------|-----------|------|---------------|
| Zone1 temperature  | 175 - 185 | °C   | -             |
| Zone2 temperature  | 185 - 195 | °C   | -             |
| Zone3 temperature  | 195 - 205 | °C   | -             |
| Nozzle temperature | 205 - 215 | °C   | -             |
| Mold temperature   | 20 - 40   | °C   | -             |

### 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.