

## FORPRENE® NERO 6NE901A65/1 - TPV

| Physical properties | Value | Unit              | Test Standard |
|---------------------|-------|-------------------|---------------|
| Density             | 957   | kg/m <sup>3</sup> | ISO 1183      |

| Mechanical properties (TPE)   | Value | Unit | Test Standard |
|-------------------------------|-------|------|---------------|
| Tensile stress at 100% strain | 2.4   | MPa  | ISO 37        |
| Tensile stress at 300% strain | 4.1   | MPa  | ISO 37        |
| Tensile strain at break (TPE) | 481   | %    | ISO 37        |
| Tensile stress at break (TPE) | 5.8   | MPa  | ISO 37        |
| Shore A hardness, 15s         | 67    | -    | ISO 868       |
| Tear strength                 | 29    | kN/m | ISO 34-1      |

## Typical injection moulding processing conditions

| Temperature                         | Value     | Unit | Test Standard |
|-------------------------------------|-----------|------|---------------|
| Zone1 temperature                   | 160 - 170 | °C   | -             |
| Zone2 temperature                   | 175 - 185 | °C   | -             |
| Zone3 temperature                   | 180 - 190 | °C   | -             |
| Nozzle temperature                  | 165 - 175 | °C   | -             |
| Extrusion Molding, Head Temperature | 185 - 195 | °C   | Internal      |

## 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.

