

## FORPRENE® NERO 6NE901A90 - TPV

| Physical properties | Value | Unit  | Test Standard |
|---------------------|-------|-------|---------------|
| Density             | 960   | kg/m³ | ISO 1183      |

| Mechanical properties (TPE)   | Value | Unit | Test Standard |
|-------------------------------|-------|------|---------------|
| Tensile stress at 100% strain | 5.2   | MPa  | ISO 37        |
| Tensile stress at 300% strain | 6.6   | MPa  | ISO 37        |
| Tensile strain at break (TPE) | 620   | %    | ISO 37        |
| Tensile stress at break (TPE) | 11.5  | MPa  | ISO 37        |
| Shore A hardness, 15s         | 91    | -    | ISO 868       |
| Tear strength                 | 52    | kN/m | ISO 34-1      |

## Typical injection moulding processing conditions

| Temperature                         | Value     | Unit | Test Standard |
|-------------------------------------|-----------|------|---------------|
| Zone1 temperature                   | 170 - 180 | °C   | -             |
| Zone2 temperature                   | 180 - 190 | °C   | -             |
| Zone3 temperature                   | 185 - 195 | °C   | -             |
| Nozzle temperature                  | 180 - 190 | °C   | -             |
| Extrusion Molding, Head Temperature | 190 - 200 | °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.

