# FORPRENE® NERO 6NE901A85 - TPV

| Physical properties | Value | Unit | Test Standard |
|---|---|---|---|
| Density | **969** | kg/m³ | ISO 1183 |

| Mechanical properties (TPE) | Value | Unit | Test Standard |
|---|---|---|---|
| Tensile stress at 100% strain | **4.4** | MPa | ISO 37 |
| Tensile stress at 300% strain | **5.8** | MPa | ISO 37 |
| Tensile strain at break (TPE) | **582** | % | ISO 37 |
| Tensile stress at break (TPE) | **9.1** | MPa | ISO 37 |
| Shore A hardness, 15s | **87** | - | ISO 868 |
| Tear strength | **48** | 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.

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