

## FORPRENE® NERO 6E1901A75 - TPV

| Physical properties | Value | Unit  | Test Standard |
|---------------------|-------|-------|---------------|
| Density             | 1240  | kg/m³ | ISO 1183      |

| Mechanical properties (TPE)   | Value | Unit | Test Standard |
|-------------------------------|-------|------|---------------|
| Tensile stress at 100% strain | 2.9   | MPa  | ISO 37        |
| Tensile stress at 300% strain | 3.7   | MPa  | ISO 37        |
| Tensile strain at break (TPE) | 519   | %    | ISO 37        |
| Tensile stress at break (TPE) | 5.1   | MPa  | ISO 37        |
| Shore A hardness, 15s         | 79    | -    | ISO 868       |
| Tear strength                 | 27    | kN/m | ISO 34-1      |

| Thermal properties               | Value | Unit  | Test Standard |
|----------------------------------|-------|-------|---------------|
| Flammability @1.6mm nom. thickn. | V-0   | class | UL 94         |

### 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.

### Characteristics

#### Special Characteristics

Flame retardant

