
FORPRENE® NERO 6E1901A90 - TPV

| Physical properties | Value | Unit | Test Standard |
|---------------------|-------|-------------------|---------------|
| Density | 1260 | kg/m ³ | ISO 1183 |

| Mechanical properties (TPE) | Value | Unit | Test Standard |
|-------------------------------|-------|------|---------------|
| Tensile stress at 100% strain | 4.4 | MPa | ISO 37 |
| Tensile stress at 300% strain | 5.1 | MPa | ISO 37 |
| Tensile strain at break (TPE) | 475 | % | ISO 37 |
| Tensile stress at break (TPE) | 6.6 | MPa | ISO 37 |
| Shore A hardness, 15s | 90 | - | ISO 868 |
| Tear strength | 37 | 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 | 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.

Characteristics

Special Characteristics

Flame retardant