
FORPRENE® NERO 65VS9PA85 - TPV

| Physical properties | Value | Unit | Test Standard |
|----------------------------|--------------|-------------------|----------------------|
| Density | 933 | kg/m ³ | ISO 1183 |

| Mechanical properties (TPE) | Value | Unit | Test Standard |
|------------------------------------|--------------|-------------|----------------------|
| Tensile stress at 100% strain | 4.6 | MPa | ISO 37 |
| Tensile stress at 300% strain | 5.9 | MPa | ISO 37 |
| Tensile strain at break (TPE) | 617 | % | ISO 37 |
| Tensile stress at break (TPE) | 10.4 | MPa | ISO 37 |
| Shore A hardness, 15s | 88 | - | ISO 868 |
| Tear strength | 45 | kN/m | ISO 34-1 |

Typical injection moulding processing conditions

| Temperature | Value | Unit | Test Standard |
|--------------------|------------------|-------------|----------------------|
| Zone1 temperature | 175 - 185 | °C | - |
| Zone2 temperature | 185 - 195 | °C | - |
| Zone3 temperature | 190 - 200 | °C | - |
| Nozzle temperature | 195 - 205 | °C | - |
| Mold temperature | 20 - 40 | °C | - |

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.