
FORPRENE® NERO 6E0901A35 - TPV

| Physical properties | Value | Unit | Test Standard |
|----------------------------|--------------|-------------------|----------------------|
| Density | 983 | kg/m ³ | ISO 1183 |

| Mechanical properties (TPE) | Value | Unit | Test Standard |
|------------------------------------|--------------|-------------|----------------------|
| Tensile stress at 100% strain | 1.2 | MPa | ISO 37 |
| Tensile stress at 300% strain | 2.1 | MPa | ISO 37 |
| Tensile strain at break (TPE) | 580 | % | ISO 37 |
| Tensile stress at break (TPE) | 3.8 | MPa | ISO 37 |
| Shore A hardness, 15s | 38 | - | ISO 868 |
| Tear strength | 15 | kN/m | ISO 34-1 |

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.