
FORPRENE® NERO 6MD901A55 - TPV

| Physical properties | Value | Unit | Test Standard |
|----------------------------|--------------|-------------------|----------------------|
| Density | 962 | kg/m ³ | ISO 1183 |

| Mechanical properties (TPE) | Value | Unit | Test Standard |
|------------------------------------|--------------|-------------|----------------------|
| Tensile stress at 100% strain | 1.9 | MPa | ISO 37 |
| Tensile stress at 300% strain | 3.4 | MPa | ISO 37 |
| Tensile strain at break (TPE) | 522 | % | ISO 37 |
| Tensile stress at break (TPE) | 5.2 | MPa | ISO 37 |
| Shore A hardness, 15s | 57 | - | ISO 868 |
| Tear strength | 24 | kN/m | ISO 34-1 |

Typical injection moulding processing conditions

| Temperature | Value | Unit | Test Standard |
|--------------------|------------------|-------------|----------------------|
| Zone1 temperature | 155 - 165 | °C | - |
| Zone2 temperature | 165 - 175 | °C | - |
| Zone3 temperature | 175 - 185 | °C | - |
| Nozzle temperature | 180 - 190 | °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.