

## FORPRENE® NERO 6NE901D50/C - TPV

| Physical properties | Value | Unit              | Test Standard |
|---------------------|-------|-------------------|---------------|
| Density             | 955   | kg/m <sup>3</sup> | ISO 1183      |

| Mechanical properties (TPE)   | Value | Unit | Test Standard |
|-------------------------------|-------|------|---------------|
| Tensile stress at 100% strain | 12.5  | MPa  | ISO 37        |
| Tensile stress at 300% strain | 12.8  | MPa  | ISO 37        |
| Tensile strain at break (TPE) | 640   | %    | ISO 37        |
| Tensile stress at break (TPE) | 22    | MPa  | ISO 37        |
| Shore D hardness, 15s         | 53    | -    | ISO 868       |
| Tear strength                 | 85    | kN/m | ISO 34-1      |

## 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      |