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**FORPRENE® NERO 6D5901A70 - TPV**


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| Physical properties | Value | Unit              | Test Standard |
|---------------------|-------|-------------------|---------------|
| Density             | 964   | kg/m <sup>3</sup> | ISO 1183      |

| Mechanical properties (TPE)   | Value | Unit | Test Standard |
|-------------------------------|-------|------|---------------|
| Tensile stress at 100% strain | 2.9   | MPa  | ISO 37        |
| Tensile stress at 300% strain | 4.4   | MPa  | ISO 37        |
| Tensile strain at break (TPE) | 545   | %    | ISO 37        |
| Tensile stress at break (TPE) | 6.6   | MPa  | ISO 37        |
| Shore A hardness, 15s         | 72    | -    | ISO 868       |
| Tear strength                 | 32    | kN/m | ISO 34-1      |

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**Typical injection moulding processing conditions**


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| 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   | -             |

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**Other text information**


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**Pre-drying**


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3h@80C

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**Longer pre-drying times/storage**


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Forprene must be stored indoors in the original, unopened and undamaged packaging, away from direct sunlight, moisture and heat.