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**FORPRENE® NERO 6Z0901A50 - TPV**

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| <b>Physical properties</b> | <b>Value</b> | <b>Unit</b>       | <b>Test Standard</b> |
|----------------------------|--------------|-------------------|----------------------|
| Density                    | <b>984</b>   | kg/m <sup>3</sup> | ISO 1183             |

| <b>Mechanical properties (TPE)</b> | <b>Value</b> | <b>Unit</b> | <b>Test Standard</b> |
|------------------------------------|--------------|-------------|----------------------|
| Tensile stress at 100% strain      | <b>1.4</b>   | MPa         | ISO 37               |
| Tensile stress at 300% strain      | <b>2.9</b>   | MPa         | ISO 37               |
| Tensile strain at break (TPE)      | <b>368</b>   | %           | ISO 37               |
| Tensile stress at break (TPE)      | <b>3.3</b>   | MPa         | ISO 37               |
| Shore A hardness, 15s              | <b>51</b>    | -           | ISO 868              |
| Tear strength                      | <b>15</b>    | kN/m        | ISO 34-1             |

**Typical injection moulding processing conditions**

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| <b>Temperature</b> | <b>Value</b>     | <b>Unit</b> | <b>Test Standard</b> |
|--------------------|------------------|-------------|----------------------|
| Zone1 temperature  | <b>155 - 165</b> | °C          | -                    |
| Zone2 temperature  | <b>165 - 175</b> | °C          | -                    |
| Zone3 temperature  | <b>175 - 185</b> | °C          | -                    |
| Nozzle temperature | <b>180 - 190</b> | °C          | -                    |
| Mold temperature   | <b>20 - 40</b>   | °C          | -                    |

**Other text information**

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**Pre-drying**

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3h@80C

**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.