

---

**FORPRENE® NERO 6K5901A65 - TPV**


---

<b>Physical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>977</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>2.4</b>	MPa	ISO 37
Tensile stress at 300% strain	<b>3.7</b>	MPa	ISO 37
Tensile strain at break (TPE)	<b>559</b>	%	ISO 37
Tensile stress at break (TPE)	<b>6.5</b>	MPa	ISO 37
Shore A hardness, 15s	<b>67</b>	-	ISO 868
Tear strength	<b>28</b>	kN/m	ISO 34-1

---

**Typical injection moulding processing conditions**


---

<b>Temperature</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Zone1 temperature	<b>160 - 170</b>	°C	-
Zone2 temperature	<b>175 - 185</b>	°C	-
Zone3 temperature	<b>180 - 190</b>	°C	-
Nozzle temperature	<b>165 - 175</b>	°C	-
Extrusion Molding, Head Temperature	<b>185 - 195</b>	°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.