

**FORPRENE® 6NM901A90 NERO - TPV**

<b>Physical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	59.9	lb/ft <sup>3</sup>	ISO 1183

<b>Mechanical properties (TPE)</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Tensile stress at 100%, perpendicular	812	psi	ISO 37
Tensile stress at 300%, perpendicular	1020	psi	ISO 37
Compression set, 70 °C, 22h, Type A	52	%	ISO 815
Compression set, 100 °C, 22h, Type A	61	%	ISO 815
Tensile strain at break, perpendicular	635	%	ISO 37
Tensile stress at break, perpendicular	1730	psi	ISO 37
Shore A hardness-TPE, 15s	91	-	ISO 868
Tear strength, Method Ba, perpendicular	331	lb/in	ISO 34-1
Tensile set (elastomers)	38	%	ASTM D412

**Typical injection moulding processing conditions**

<b>Temperature</b>	<b>Value</b>	<b>Unit</b>
Zone1 temperature	347 - 365	°F
Zone2 temperature	365 - 383	°F
Zone3 temperature	383 - 401	°F
Nozzle temperature	401 - 419	°F
Mold temperature	68 - 104	°F

**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.

**Characteristics**

<b>Special Characteristics</b>	Auto spec approved
<b>Processing</b>	Injection molding