

**FORPRENE® 6NM901A55/I NERO - TPV**

Physical properties	Value	Unit	Test Standard
Density	59.6	lb/ft <sup>3</sup>	ISO 1183

Mechanical properties (TPE)	Value	Unit	Test Standard
Tensile stress at 100%, perpendicular	261	psi	ISO 37
Tensile stress at 300%, perpendicular	464	psi	ISO 37
Compression set, 70 °C, 22h, Type A	28	%	ISO 815
Compression set, 100 °C, 22h, Type A	41	%	ISO 815
Tensile strain at break, perpendicular	484	%	ISO 37
Tensile stress at break, perpendicular	638	psi	ISO 37
Shore A hardness-TPE, 15s	56	-	ISO 868
Tear strength, Method Ba, perpendicular	114	lb/in	ISO 34-1
Tensile set (elastomers)	14	%	ASTM D412

**Typical injection moulding processing conditions**

Temperature	Value	Unit
Zone1 temperature	311 - 329	°F
Zone2 temperature	329 - 347	°F
Zone3 temperature	347 - 365	°F
Nozzle temperature	356 - 374	°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

**Other Approvals**

OEM	Specification
Stellantis - FCA Group	EMP 50