

**FORPRENE® 6NE901A85 NERO - TPV**

Physical properties	Value	Unit	Test Standard
Density	60.5	lb/ft <sup>3</sup>	ISO 1183

Mechanical properties (TPE)	Value	Unit	Test Standard
Tensile stress at 100%, perpendicular	638	psi	ISO 37
Tensile stress at 300%, perpendicular	841	psi	ISO 37
Compression set, 70 °C, 22h, Type A	52	%	ISO 815
Tensile strain at break, perpendicular	582	%	ISO 37
Tensile stress at break, perpendicular	1320	psi	ISO 37
Shore A hardness-TPE, 15s	87	-	ISO 868
Tear strength, Method Ba, perpendicular	274	lb/in	ISO 34-1
Tensile set (elastomers)	26	%	ASTM D412

**Typical injection moulding processing conditions**

Temperature	Value	Unit
Zone1 temperature	338 - 356	°F
Zone2 temperature	356 - 374	°F
Zone3 temperature	365 - 383	°F
Nozzle temperature	356 - 374	°F
Mold temperature	68 - 104	°F

**Typical extrusion processing conditions**

Temperature	Value	Unit
Zone 1 temperature	338 - 356	°F
Zone 2 temperature	356 - 374	°F
Zone 3 temperature	365 - 383	°F
Die head temperature	374 - 392	°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**

**Special Characteristics** Auto spec approved

**Other Approvals**

OEM	Specification	Additional Information
Mercedes-Benz Group (Daimler)*	DBL 5562	(5562.30) No longer valid norm, kept here for historical purposes only