

FORPRENE® 6NE901A85 NERO - TPV

Physical properties	Value	Unit	Test Standard
Density	60.5	lb/ft³	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Mercedes-Benz Group (Daimler)*	DBL 5562	(5562.30) No longer valid norm, kept here for historical purposes only