

FORPRENE® 6NE901A65 NERO - TPV

Physical properties	Value	Unit	Test Standard
Density	59.4	lb/ft ³	ISO 1183

Mechanical properties (TPE)	Value	Unit	Test Standard
Tensile stress at 100%, perpendicular	348	psi	ISO 37
Tensile stress at 300%, perpendicular	522	psi	ISO 37
Compression set, 70 °C, 22h, Type A	44	%	ISO 815
Tensile strain at break, perpendicular	575	%	ISO 37
Tensile stress at break, perpendicular	841	psi	ISO 37
Shore A hardness-TPE, 15s	68	-	ISO 868
Tear strength, Method Ba, perpendicular	171	lb/in	ISO 34-1
Tensile set (elastomers)	16	%	ASTM D412

Typical injection moulding processing conditions

Temperature	Value	Unit
Zone1 temperature	320 - 338	°F
Zone2 temperature	347 - 365	°F
Zone3 temperature	356 - 374	°F
Nozzle temperature	329 - 347	°F
Mold temperature	68 - 104	°F

Typical extrusion processing conditions

Temperature	Value	Unit
Zone 1 temperature	320 - 338	°F
Zone 2 temperature	347 - 365	°F
Zone 3 temperature	356 - 374	°F
Die head temperature	365 - 383	°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Mercedes-Benz Group (Daimler)*	DBL 5562	(5562.30) No longer valid norm, kept here for historical purposes only