

FORPRENE® 6K5901A60 NERO - TPV

Physical properties	Value	Unit	Test Standard
Density	60.8	lb/ft³	ISO 1183
Mechanical properties (TPE)	Value	Unit	Test Standard
Tensile stress at 100%, perpendicular	319	psi	ISO 37
Tensile stress at 300%, perpendicular	493	psi	ISO 37
Compression set, 70 °C, 22h, Type A	34	%	ISO 815
Tensile strain at break, perpendicular	558	%	ISO 37
Tensile stress at break, perpendicular	870	psi	ISO 37
Shore A hardness-TPE, 15s	63	-	ISO 868
Tear strength, Method Ba, perpendicular	143	lb/in	ISO 34-1
Tensile set (elastomers)	12	%	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	104 - 140	°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, UV resistant
Processing	Injection molding

Other Approvals

OEM	Specification
VW Group	VW50123