

FORPRENE® 6K5901A55 NERO - TPV

Physical properties	Value	Unit	Test Standard
Density	61.8	lb/ft ³	ISO 1183

Mechanical properties (TPE)	Value	Unit	Test Standard
Tensile stress at 100%, perpendicular	276	psi	ISO 37
Tensile stress at 300%, perpendicular	450	psi	ISO 37
Compression set, 70 °C, 22h, Type A	38	%	ISO 815
Tensile strain at break, perpendicular	500	%	ISO 37
Tensile stress at break, perpendicular	711	psi	ISO 37
Shore A hardness-TPE, 3s	58	-	ISO 868
Shore A hardness-TPE, 15s	56	-	ISO 868
Tear strength, Method Ba, perpendicular	126	lb/in	ISO 34-1

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
VW Group	PV3930	
VW Group	PV3920	
VW Group	VW50123	DIN75201