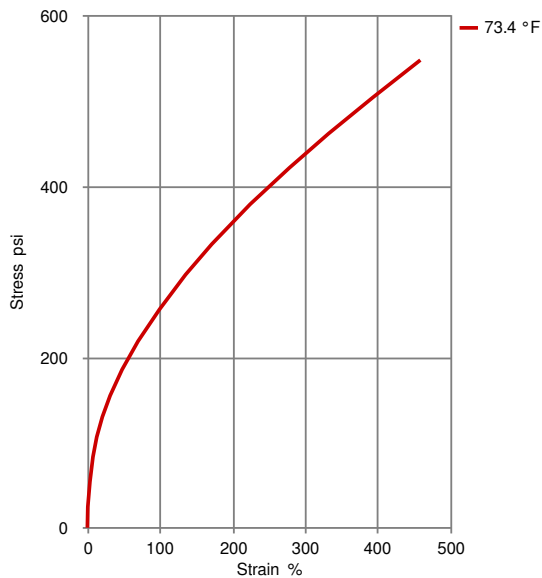


FORPRENE® 6NM001A60 NEUTRO - TPV

Physical properties	Value	Unit	Test Standard
Density	59.1	lb/ft ³	ISO 1183
Mechanical properties	Value	Unit	Test Standard
Tensile modulus	1169.01	psi	ISO 527-1, -2
Mechanical properties (TPE)	Value	Unit	Test Standard
Tensile stress at 100%, perpendicular	305	psi	ISO 37
Tensile stress at 300%, perpendicular	522	psi	ISO 37
Compression set, 70 °C, 22h, Type A	27	%	ISO 815
Tensile strain at break, perpendicular	411	%	ISO 37
Tensile stress at break, perpendicular	638	psi	ISO 37
Shore A hardness-TPE, 15s	62	-	ISO 868
Tear strength, Method Ba, perpendicular	114	lb/in	ISO 34-1
Tensile set (elastomers)	12	%	ASTM D412

Diagrams

Stress-Strain (TPE)



Tested according to ISO 37, 500 mm/min

Typical injection moulding processing conditions

Temperature	Value	Unit
Zone1 temperature	347 - 365	°F
Zone2 temperature	365 - 383	°F
Zone3 temperature	374 - 392	°F
Nozzle temperature	383 - 401	°F
Mold temperature	68 - 104	°F

FORPRENE® 6NM001A60 NEUTRO - TPV

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.

Other Approvals

OEM	Specification	Additional Information
VW Group	VW50123	(with deviations)