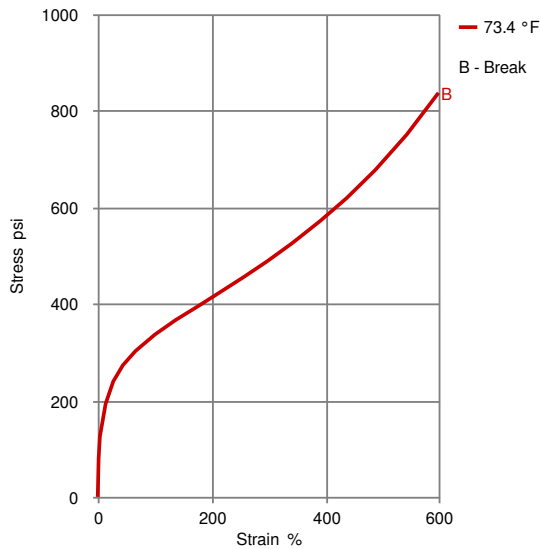


FORPRENE® 6K5901A65 NERO - TPV

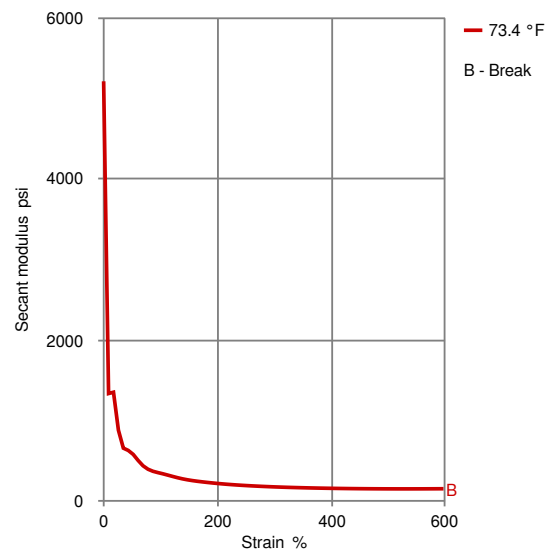
Physical properties	Value	Unit	Test Standard
Density	61	lb/ft ³	ISO 1183
Mechanical properties (TPE)	Value	Unit	Test Standard
Tensile stress at 100%, perpendicular	348	psi	ISO 37
Tensile stress at 300%, perpendicular	537	psi	ISO 37
Compression set, 70 °C, 22h, Type A	35	%	ISO 815
Tensile strain at break, perpendicular	559	%	ISO 37
Tensile stress at break, perpendicular	943	psi	ISO 37
Shore A hardness-TPE, 15s	67	-	ISO 868
Tear strength, Method Ba, perpendicular	160	lb/in	ISO 34-1
Tensile set (elastomers)	14	%	ASTM D412

Diagrams

Stress-strain



Secant modulus-strain



Tested according to ISO 37-1, 500 mm/min

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

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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.