

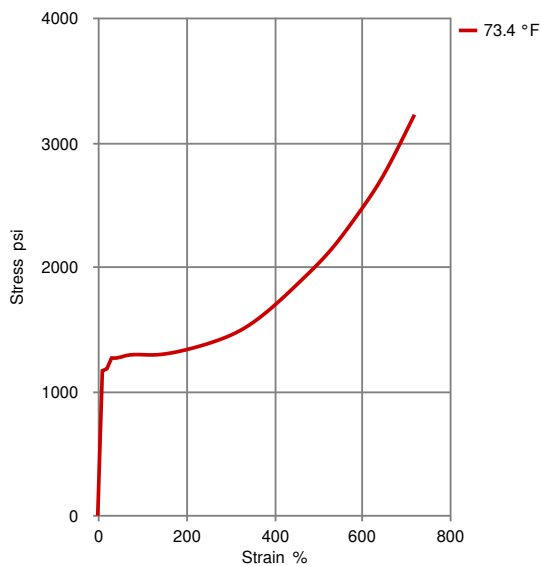
FORPRENE® 6B0901D40 NERO - TPV

Physical properties	Value	Unit	Test Standard
Density	56.8	lb/ft ³	ISO 1183
Molding shrinkage, parallel (flow)	1.2	%	ISO 294-4, 2577
Molding shrinkage, transverse normal	0.8	%	ISO 294-4, 2577

Mechanical properties (TPE)	Value	Unit	Test Standard
Tensile stress at 100%, perpendicular	1330	psi	ISO 37
Tensile stress at 300%, perpendicular	1390	psi	ISO 37
Compression set, 23 °C, 22h, Type A	58	%	ISO 815
Tensile strain at break, perpendicular	700	%	ISO 37
Tensile stress at break, perpendicular	2800	psi	ISO 37
Shore D hardness-TPE, 15s	41	-	ISO 868
Tear strength, Method Ba, perpendicular	446	lb/in	ISO 34-1

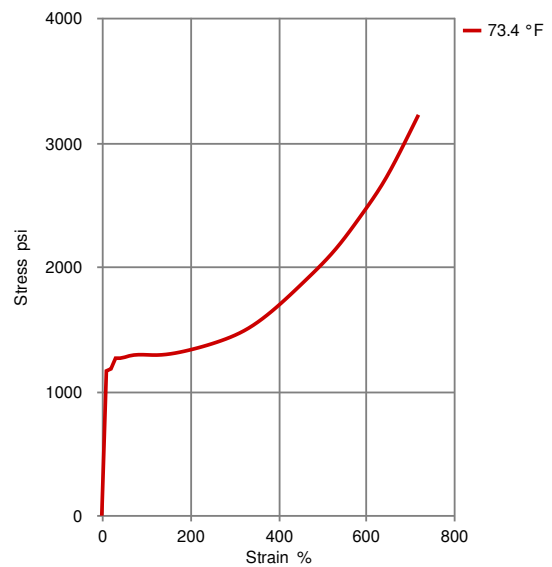
Diagrams

Stress-strain (anisotropy)



Tested according to ISO 37 (200 mm/min), perpendicular to flow

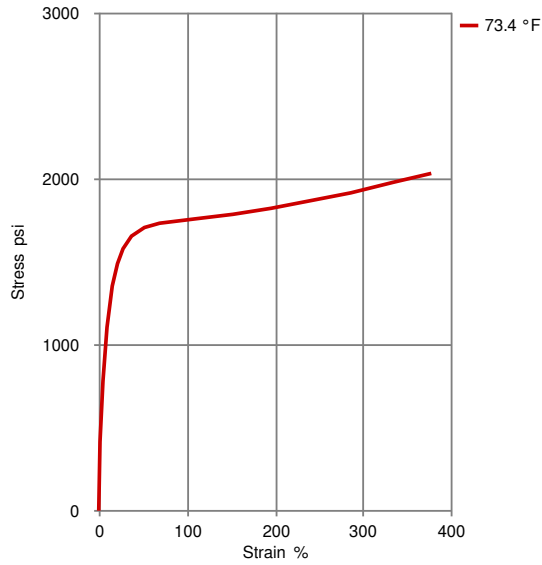
Stress-strain (anisotropy)



Tested according to ISO 37 (200 mm/min), perpendicular to flow

FORPRENE® 6B0901D40 NERO - TPV

Stress-Strain (TPE)



Tested according to ISO 37 (200 mm/min), parallel to flow

Typical injection moulding processing conditions

Temperature	Value	Unit
Zone1 temperature	329 - 347	°F
Zone2 temperature	347 - 365	°F
Zone3 temperature	356 - 374	°F
Nozzle temperature	374 - 392	°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
Stellantis - PSA Group	B62 0020
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