

Technical Data Sheet

Compound: V75 – Viton™ (FKM – Fluorocarbon)
Colour: Black

Complies with: ASTM D2000 M2HK810 A1-10 B37 EF31

	<u>Required</u>	<u>Tested</u>
<u>Mechanical Properties</u>		
Shore Hardness (Sh.A):	75 ± 5	75
Tensile Strength (MPa):	10	11.8
Elongation at Break (%):	150	209
Specific Gravity:	n/a	1.813
<u>Thermal Properties</u>		
Operating Temperature Range (°C):	n/a	- 20 to +210
Compression Set Test @ 175°C for 22 Hours (%):	50	9
Heat Aging @ 250°C X 70 Hours		
Hardness Change Points:	+ 10	+4
Tensile Strength Change (%):	- 25	- 13
Elongation Change (%):	- 25	-19
Fuel C Oil Immersion Test @ 23°C X 70 Hours		
Hardness Change Points:	± 5	-2
Tensile Strength Change (%):	- 25	-9
Elongation Change (%):	- 20	-10
Volume Change (%):	0 to +10	+6