

## Technical Data Sheet

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

Complies with: ASTM D2000 M2HK810 A1-10 B37 EF31

<u>Mechanical Properties</u> Shore Hardness (Sh.A): Tensile Strength (MPa): Elongation at Break (%): Specific Gravity:		<u>Required</u>	<u>Tested</u>
		75 ± 5 10 150 n/a	75 11.8 209 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: Tensile Strength Change (%): Elongation Change (%):		+ 10 - 25 - 25	+4 - 13 -19
Fuel C Oil Immersion 1	Test @ 23°C X 70 Hours Hardness Change Points: Tensile Strength Change (%): Elongation Change (%): Volume Change (%):	± 5 - 25 - 20 0 to +10	-2 -9 -10 +6

Although the technical details and recommendations made correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical application; for this reason, anyone who intend to use Polymax products must ensure beforehand that it is suitable for the envisaged application. In every case, the user alone is fully responsible for any consequences deriving from the use of the product.