

FKM Black 60 ShA

FKM

FKM (Viton®) is suitable for use with mineral oils, ASTM Oil No 1, IRM 902 and IRM 903. Also resistant to silicone oil, mineral oil, greases and petrol (gasoline). It has very good ozone, weather and aging resistance. It is also resistant to aliphatic hydrocarbons such as butane, propane and natural gas. Not recommended for use with glycol based brake fluid, ammonia gas, amines, alkalis, superheated steam and low molecular weight organic acids.

Colour: Black

Operating temperature range: -25°C to +200°C

Physical Property	Test Method	Units	Typical Values
	ASTM D2240	ShA	60
Tensile Strength	ASTM D412	MPa	8.4
Elongation	ASTM D412	%	210
Modulus		MPa	2.4
Specific Gravity	ASTM D297	g/cm ³	1.841
Compression Set 22h @ 175°C	ASTM D395B	%	7

Aging Property	Test Method	Time (h)	Temperature (°C)	Hardness (ShA)	Tensile Strength (%)	Ultimate Elongation (%)	Volume (%)
Air	ASTM D 573	70h	250°C	0	2	-6	
Fuel C	ASTM D 471	70h	23°C	-5	-22	-19	3

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