

COMPOUND NUMBER

51414A

Description

Fluorocarbon Rubber (FKM) 75 Shore A
 Viton® Copolymer
 Black
 -20°C to 200°C

Standard compound with good compression set performance and chemical resistance.

ORIGINAL PHYSICAL PROPERTIES

		Units	Test Method
Tensile Strength	10 to 14	MPa	ASTM D412
Elongation	125 to 230	%	ASTM D412
Hardness	75 ± 5	Shore A	ASTM D2240

SEALING PROPERTIES

	25% Squeeze	Units	Time Hours	Temperature °C	Test Method
Compression Set	10 to 15	%	22	200	ASTM D395-B

THERMAL PROPERTIES

		Units	Test Method
TR-10	-15	°C	ASTM D1329

	Δ Hardness Pts.	Δ Tensile %	Δ Elongation %	Δ Weight %	Time Hours	Temperature °C	Test Method
Heat Aging	-5 to +10	-35 Max	-15 Max	+10 Max	70	270	ASTM D573

FLUID IMMERSION PROPERTIES

	Δ Hardness Pts.	Δ Tensile %	Δ Elongation %	Δ Volume %	Time Hours	Temperature °C	Test Method
ASTM Fuel B	±5	-20 Max	-20 Max	0 to +5	70	23	ASTM D471
ARM 200	-15 to 0	-35 Max	-20 Max	+1 to +25	70	200	ASTM D471