## **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	Temperature	Test Method
			Hours	°C	
Compression Set	10 to 15	%	22	200	ASTM D395-B

#### **THERMAL PROPERTIES**

Heat Aging	-5 to +10	-35 Max	-15 Max	+10 Max	70	270	ASTM D573
	Pts.	%	%	%	Hours	°C	
	∆ Hardness	∆ Tensile	∆ Elongation	∆ Weight	Time	Temperature	Test Method
TR-10	-15	Units ℃	Test Method ASTM D1329				

## **FLUID IMMERSION PROPERTIES**

	∆ Hardness <i>Pts.</i>	∆ Tensile %	∆ Elongation %	∆ Volume %	Time <i>Hours</i>	Temperature ℃	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



The information is, to the best of our knowledge, accurate and reliable to the date indicated. The above mentioned data have been obtained by tests we consider reliable. We don't assure that the same results can be obtained in other labs. Testing in actual service conditions is recommended prior to use.