### **COMPOUND NUMBER**

Description

47702A Nitrile (NBR) 90 Shore A Black -25°C to 120°C

Improved performance in high pressure applications.

## **ORIGINAL PHYSICAL PROPERTIES**

		Units	Test Method
Tensile Strength	10 to 22	MPa	ASTM D412
Elongation	80 to 125	%	ASTM D412
Hardness	90 ± 5	Shore A	ASTM D2240

#### **SEALING PROPERTIES**

	25% Squeeze	Units	Time	Temperature	Test Method
			Hours	°C	
Compression Set	5 to 25	%	22	100	ASTM D395-B

## **THERMAL PROPERTIES**

	∆ Hardness	∆ Tensile	∆ Elongation	Time	Temperature	Test Method	
	Pts.	%	%	Hours	°C		
Heat Aging	±15	±30	-50 Max.	70	100	ASTM D573	

# **FLUID IMMERSION PROPERTIES**

actual service conditions is recommended prior to use.

	∆ Hardness	∆ Tensile	∆ Elongation	∆ Volume	Time	Temperature	Test Method
	Pts.	%	%	%	Hours	°C	
ASTM Fuel B	-30 to 10	-60 Max.	-60 Max.	0 to +40	70	23	ASTM D471
IRM 901 Oil	-5 to +10	-25 Max.	-45 Max.	±10	70	100	ASTM D471
IRM 903 Oil	-10 to +5	-45 Max.	-45 Max.	0 to +25	70	100	ASTM D471



been obtained by tests we consider reliable. We don't assure that the same results can be obtained in other labs. Testing in

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