COMPOUND NUMBER

Description

36624A Nitrile (NBR) 70 Shore A Black -35°C to 110°C

General purpose compound with medium acrylonitrile content for use with hydraulic fluids, alcohols, water, and fuels.

ORIGINAL PHYSICAL PROPERTIES

		Units	Test Method
Tensile Strength	10 to 16	MPa	ASTM D412
Elongation	250 to 350	%	ASTM D412
Hardness	70 ± 5	Shore A	ASTM D2240

SEALING PROPERTIES

	25% Squeeze	Units	Time Temperature		Test Method
			Hours	°C	
Compression Set	10 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 Pts.	∆ Tensile %	∆ Elongation %	∆ Volume %	Time <i>Hours</i>	Temperature ℃	Test Method
ASTM Fuel A	±10	-25 Max	-25 Max	-5 to +10	70	23	ASTM D471
ASTM Fuel B	-30 to 0	-60 Max	-60 Max	0 to +40	70	23	ASTM D471
IRM 901 Oil	-5 to +10	-25 Max	-45 Max	-10 to +5	70	100	ASTM D471
IRM 903 Oil	-10 to +5	-45 Max	-45 Max	0 to +25	70	100	ASTM D471
Water	± 10	-	-	±15	70	100	ASTM D471

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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

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