COMPOUND NUMBER

88670A

Description

Hydrogenated Nitrile (HNBR) 85 Shore A Black -40°C to 150°C

Improved low temperature stability compared to general purpose HNBR.

ORIGINAL PHYSICAL PROPERTIES

		Units	Test Method
Tensile Strength	15 to 18	MPa	ASTM D412
Elongation	120 to 150	%	ASTM D412
Hardness	85 ± 5	Shore A	ASTM D2240

SEALING PROPERTIES

	25% Squeeze	Units	Time	Temperature	Test Method
			Hours	So	
Compression Set	20 to 40	%	22	150	ASTM D395-B

THERMAL PROPERTIES

			Units	Test Method		
Low Temperate	ure Resistance	Pass	3 min @ -40°C	ASTM D2137		
	∆ Hardness	∆ Tensile	∆ Elongation	Time	Temperature	Test Method
	Pts.	%	%	Hours	°C	
Heat Aging	±15	±30	-50 Max.	70	150	ASTM D573

FLUID IMMERSION PROPERTIES

actual service conditions is recommended prior to use.

	∆ Hardness	∆ Tensile	∆ Elongation	∆ Volume	Time	Temperature	Test Method
	Pts.	%	%	%	Hours	°C	
IRM 901 Oil	-5 to +10	-20 Max	-40 Max	-10 to +5	70	150	ASTM D471
IRM 903 Oil	-25 Max	-40 Max	-40 Max	+30 Max	70	150	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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