COMPOUND NUMBER

51430A

Description

Fluorocarbon Rubber (FKM) 75 Shore A Viton® Terpolymer Type GLT Black -40°C to 200°C

Improved low temperature performance over standard FKM compounds.

ORIGINAL PHYSICAL PROPERTIES

		Units	Test Method
Tensile Strength	10 to 16	MPa	ASTM D412
Elongation	120 to 200	%	ASTM D412
Hardness	75 ± 5	Shore A	ASTM D2240

SEALING PROPERTIES

	25% Squeeze	Units	Time	Temperature	Test Method
			Hours	°C	
Compression Set	10 to 20	%	22	200	ASTM D395-B

THERMAL PROPERTIES

Heat Aging	±5	-35 Max	-25 Max	-12 Max	70	275	ASTM D573	
	∆ Hardness Pts.	∆ Tensile %	∆ Elongation %	∆ Weight %	Time <i>Hour</i> s	Temperature ℃	Test Method	
TR-10	-28 to -32	Units °C	Test Method ASTM D1329					

FLUID IMMERSION PROPERTIES

	∆ Hardness Pts.	∆ Tensile %	∆ Elongation %	∆ Volume %	Time <i>Hours</i>	Temperature ℃	Test Method
AMS 3021	-15 to 0	-30 Max	-20 Max	0 to +20	70	200	ASTM D471
ASTM Fuel C	±5	-25 Max	-20 Max	0 to +10	70	23	ASTM D471
IRM 903 Oil	-	-	-	+10 мах	70	150	ASTM D471
TT-S-735 Type III Fuel	±5	-30 Max	-20 Max	0 to +10	70	23	ASTM D471

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knowledgeable	I	responsive	T	unbiased	I	innovative	ERIKS
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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 actual service conditions is recommended prior to use.

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