COMPOUND NUMBER

61410A

Description

Fluorosilicone (FVMQ) 70 Shore A Blue -60°C to 180°C

Improved chemical resistance over standard Silicone compounds.

ORIGINAL PHYSICAL PROPERTIES

		Units	Test Method
Tensile Strength	5 to 7	MPa	ASTM D412
Elongation	125 to 250	%	ASTM D412
Hardness	70 ± 5	Shore A	ASTM D2240

SEALING PROPERTIES

	25% Squeeze	Units	Time	Temperature	Test Method	
			Hours	°C		
Compression Set	10 to 30	%	22	175	ASTM D395-B	

THERMAL PROPERTIES

	∆ Hardness	∆ Tensile	∆ Elongation	∆ Weight	Time	Temperature	Test Method
	Pts.	%	%	%	Hours	°C	
Heat Aging	-5 to +10	-25 Max	-25 Max	-2 Max	70	200	ASTM D573

FLUID IMMERSION PROPERTIES

	∆ Hardness	∆ Tensile	∆ Elongation	∆ Volume	Time	Temperature	Test Method
	Pts.	%	%	%	Hours	°C	
AMS 3021	±15	-40 Max	-25 Max	0 to +15	70	150	ASTM D471
ASTM Fuel C	-15 to 0	-60 Max	-50 Max	0 to +25	70	23	ASTM D471
IRM 903 Oil	-10 to 0	-35 Max	-30 Max	+10 Max	70	150	ASTM D471
TT-S-735 Type III Fuel	-20 Max	-45 Max	-35 Max	0 to +25	22	23	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.

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