

COMPOUND NUMBER

71410A

Description

Silicone (VMQ) 70 Shore A
Red
-70°C to 230°C

Compound with very good thermal stability.

ORIGINAL PHYSICAL PROPERTIES

		Units	Test Method
Tensile Strength	5 to 12	MPa	ASTM D412
Elongation	150 to 250	%	ASTM D412
Hardness	70 ± 5	Shore A	ASTM D2240

SEALING PROPERTIES

	25% Squeeze	Units	Time	Temperature	Test Method
			Hours	°C	
Compression Set	18 to 30	%	22	175	ASTM D395-B

THERMAL PROPERTIES

	Δ Hardness	Δ Tensile	Δ Elongation	Time	Temperature	Test Method
	Pts.	%	%	Hours	°C	
Heat Aging	0 to +10	-25 Max	-30 Max	70	225	ASTM D573

FLUID IMMERSION PROPERTIES

	Δ Hardness	Δ Tensile	Δ Elongation	Δ Volume	Time	Temperature	Test Method
	Pts.	%	%	%	Hours	°C	
IRM 901 Oil	-15 to 0	-20 Max	-20 Max	0 to +15	70	150	ASTM D471
IRM 903 Oil	-40 Max	-	-	+60 Max	70	150	ASTM D471
Water	±5	-	-	±5	70	100	ASTM D471