

COMPOUND NUMBER

51420A

Description

Fluorocarbon Rubber (FKM) 75 Shore A
 70% Fluorine Content
 Black
 -10°C to 200°C

Improved chemical resistance over general purpose FKM compounds.

ORIGINAL PHYSICAL PROPERTIES

		Units	Test Method
Tensile Strength	10 to 15	MPa	ASTM D412
Elongation	150 to 250	%	ASTM D412
Hardness	75 ± 5	Shore A	ASTM D2240

SEALING PROPERTIES

	25% Squeeze	Units	Time Hours	Temperature °C	Test Method
Compression Set	24 to 35	%	22	200	ASTM D395-B

THERMAL PROPERTIES

	Δ Hardness Pts.	Δ Tensile %	Δ Elongation %	Time Hours	Temperature °C	Test Method
Heat Aging	+10 Max	-25 Max	-25 Max	70	250	ASTM D573

FLUID IMMERSION PROPERTIES

	Δ Hardness Pts.	Δ Tensile %	Δ Elongation %	Δ Volume %	Time Hours	Temperature °C	Test Method
ASTM Fuel C	±5	-25 Max	-20 Max	0 to +10	70	23	ASTM D471