

**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 Hours	Temperature °C	Test Method
Compression Set	10 to 20	%	22	200	ASTM D395-B

**THERMAL PROPERTIES**

	TR-10	Units	Test Method
	-28 to -32	°C	ASTM D1329

  

	Δ Hardness Pts.	Δ Tensile %	Δ Elongation %	Δ Weight %	Time Hours	Temperature °C	Test Method
Heat Aging	±5	-35 Max	-25 Max	-12 Max	70	275	ASTM D573

**FLUID IMMERSION PROPERTIES**

	Δ Hardness Pts.	Δ Tensile %	Δ Elongation %	Δ Volume %	Time Hours	Temperature °C	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 Max	70	150	ASTM D471
TT-S-735 Type III Fuel	±5	-30 Max	-20 Max	0 to +10	70	23	ASTM D471