VITON GLT TEST REPORT

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Test Purpose: To show conformance of fluorocarbon compound 9066-75 to the requirements of ASTM D2000 M6HK810 B38 EF31 Z1 Z2

Compound No.: 9066-75

Section of Spec.	Physical Property	Required	Result	ASTM Method
Z1	**Original Properties**			
	Hardness, Shore A	75 ± 5	75	D2240
	Tensile strength, MPa (psi), min.	10 (1450)	16.2 (2342)	D412
	Ultimate elongation,%, min.	150	184	D412
Basic	**Heat Resistance**			
	70 hrs at 250 °C (482°F)			
	Hardness change Shore A durometer	± 15	0	D573
	Tensile strength, change %	± 30	- 14	
	Ultimate elongation change %	- 50	- 27	
Basic	**Fluid Aging, IRM 903 Oil**			
	70 hrs at 150°C (302°F)	10	2	D471
	Volume change, % max.			
B38	**Compression Set**			
	max % 22hrs @ 200°C (392°F)			D395
	% of original deflection, max.	15	12	Method B
EF31	**Fluid Resistance, Fuel C**			
	70hrs at 23°C (73°F)			
	Hardness change, pts. Shore A	± 5	-2	D471
	Tensile strength change, % max	-25	-23	
	Ultimate elongation change, % max	-20	-15	
	Volume change, %	0 to +10	+4	
Z2	**Low Temperature Resistance**			
	TR-10, °C (°F)	Report	-32(-25)	D1329

Conclusion: Fluorocarbon compound 9066-75 meets the requirements of ASTM D2000 M6HK810 B38 EF31 Z1 Z2