



VITON GFLT TEST REPORT



Corporate Headquarters
4015 Casilio Parkway
Clarence, New York 14031
Ph: 716-759-2222 • Fax 716-759-6425



Canadian Division
5511 Steeles Ave West • Unit 5
North York, Ontario M9L 1S7
Ph: 416-741-0750 • Fax: 416-741-0230

Material: VITON75 GFLT

Compound No.: VI751038

Specification: ASTM D2000 M2HK710 A1-10 B37 B38 EF31 F17 Z1 Z2

Z1 = 75 +/-5 Duro

Section of Spec.	Physical Property	Required	Result	ASTM Method
Z1	Original Properties			
	Hardness, Shore A	75 ± 5	74	D2240
	Tensile strength, MPa (psi), min.	1450	2043	D412
	Ultimate elongation, %, min.	150	293	D412
	Modulus at 100%, psi		516	D412
	Specific Gravity		1.879	D297
A1-10	Heat Resistance			
	70 hrs at 250 °C			
	Hardness change Shore A durometer	+ 10 max	+ 4	D573
	Tensile strength, change %	- 25 max	+13	
	Ultimate elongation change %	- 25 max	+ 7	
B37	Compression Set			
	max % 22hrs @175°C	50	21	D395
	Plied %, max.			Method B
B38	Compression Set			
	max % 22hrs @ 200°C	50	24	D395
	% of original deflection, max.			Method B
EF31	Fluid Resistance, Fuel C			
	70hrs at 23°C (73°F)			
	Hardness change, pts. Shore A	± 5	-4	D471
	Tensile strength change, % max	-25	-18	
	Ultimate elongation change, % max	-20	+3	
	Volume change, %	0 to +10	+5.3	
F17	Low Temperature Resistance			
	Non-brittle after 3 min at -40°C	Non-brittle	PASS	D2137 Method A 9.3.2.

NOTE: that the above test results are based on test slabs/buttons, the results on actual parts are different.