



VITON EXTREME TEST REPORT



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Material: ETP75
Compound No.: ETP751001

Physical Property	Result	ASTM Method
Original Properties		
Hardness, Shore A	78	D2240
Tensile strength, MPa (psi), min	1776	D412
Ultimate elongation, %, min	284	D412
Modulus at 100%	663	D412
Specific Gravity	1.863	D297
Heat Resistance		
70 hrs at 250 °C		
Hardness change Shore A durometer	+ 4	D573
Tensile strength, change %, max	+ 26	
Ultimate elongation change %, max	-24	
Compression Set		
max % 22hrs @ 175°C		
Plied, %, max.	33	D395 Method B
Compression Set		
max % 22hrs @ 200°C		
Plied, %, max	38	D395 Method B
Fluid Resistance, Fuel C		
70hrs at 23°C (73°F)		
Hardness change, pts. Shore A	-6	D471
Tensile strength change, % max	-29	
Ultimate elongation change, % max	-29	
Volume change, %	+5	
Fluid Resistance Fluid No. 101 Oil		
70hrs at 200°C (392°F)		
Hardness change, pts. Shore A	-5	D471
Tensile strength change, % max	-22	
Ultimate elongation change, % max	-2	
Volume change, %	+9	
Fluid Resistance Fluid No. 2, Blend 7700		
70hrs at 200°C (392°F)		
Hardness change, pts. Shore A	-13	D471
Tensile strength change, % max	-13	
Ultimate elongation change, % max	- 5	
Volume change, %	+12	

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