



VICONE

Compound: VicoFluor 57FK-GR		ASTM D2000 fluoroelastomer 75 duro		
Physical Property	Test Method	Standard	Result	Remark
Tensile Strength Mpa	ASTMD412	≥10	14	
Elongation at break %	ASTMD412	≥150	287	
Permanent set	ASTMD412			
Hardness Shore A	ASTMD624	75 +/-5	77	
Compression Set	ASTMD395	≤-50%	22	200°C*22h
Density g/cc	ASTMD297	g/cc	2.11	
Linearity contractibility %		%		
Heat Aging				
Change in Tensile Strength	ASTMD573	≤ -25%	-1.5	250°C*70h
Change in Elongation	ASTMD573	≤ -25%	-9.3	250°C*70h
Change in Hardness	ASTMD573	≤ +10	3.5	250°C*70h
Effect of Liquids				
Change in Tensile Strength	ASTMD471	≤-25%	-23.4	70H*23°C
Change in Elongation	ASTMD471	≤-20%	-20	
Change in Hardness	ASTMD471	+/- 5	-3	
Change in Volume	ASTMD471	0-+10%	4.2	
Change in weight after oil immersion		%		
Change in volume after water immersion		%		
Change in weight after water immersion		%		
Ozone / Weather resistance	ASTMD1171			50ppm*xh
Electrical resistance	ASTMD991			
Stiffening at low Temperatures	ASTMD2137	Non Brittle	pass	-25°C*3min

Meets ASTM D2000: M2HK810A1-10B38EF31F15 Z-1 = 75 Duro

*These specifications shall not be construed as creating an express warranty to the performance of the material. The above specifications are intended as a guideline, and may react differently under varying conditions.