VICONE

Compound: VicoFluor 06FK-BR		ASTM D2000 fluoroelastomer 60 duro		
Physical Property	**Test Method**	**Standard**	**Result**	**Remark**
Tensile Strength Mpa	ASTMD412	≥11	12.2	
Elongation at break %	ASTMD412	≥200	303	
Permanent set	ASTMD412			
Hardness Shore A	ASTMD624	60 +/-5	59	
Compression Set	ASTMD395	≤-50%	22	200ºC*22h
Density g/cc	ASTMD297	g/cc	2.11	
Linearity contractibility %		%		
Heat Aging				
Change in Tensile Strength	ASTMD573	≤ -25%	-11	275ºC*70h
Change in Elongation	ASTMD573	≤ -25%	-8	275ºC*70h
Change in Hardness	ASTMD573	+10	5	275ºC*70h
Effect of Liquids				
Change in Tensile Strength	ASTMD471	≤-25%	-26	70H*23ºC
Change in Elongation	ASTMD471	≤-20%	-22	
Change in Hardness	ASTMD471	+/- 5	-3	
Change in Volume	ASTMD471	0-+10%	4.5	
Change in weight after oil immersion		%		
Change in volume after water immersion		%		
Change in weight after water immersion		%		
Ozone / Weather resistance	ASTMD1171	No cracks		50ppm*xh
Electrical resistance	ASTMD991			
Stiffening at low Temperatures	ASTMD2137			

Meets ASTM D2000: M3HK611A1-10B38EF31

*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.