



VICONE

Compound: VicoSil 369DLK-GY		UL94 approved Silicone 60 duro		
Physical Property	Test Method	Unit	Result	Remark
Tensile Strength	ASTMD412	Mpa	8.2	
Elongation at break	ASTMD412	%	310	
Permanent Set	ASTMD412	%	5.5	
Hardness	ASTMD2240	Shore A	60	
Compression Set	ASTMD395	%	20	
Density	ASTMD297	g/cc	1.19	
Linearity contractibility		%	3.0-3.5	175°C5min
Heat Aging				
Change in Tensile Strength	ASTMD573	%	-19.88	
Change in Elongation	ASTMD573	%	-31.23	
Change in Hardness	ASTMD573	%	7	200°C*72h
Effect of Liquids				
Change in Tensile Strength	ASTMD471	%	-5.7	
Change in Elongation	ASTMD471	%	-6.1	
Change in Hardness	ASTMD471	%	-7	
Change in Volume after Oil Immersion	ASTMD471	%	6.5	
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	ASTMD1053			

*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.