



VICONE

Compound: VicoSil 139DLK-BL		FDA approved Silicone 40 Duro		
Physical Property	Test Method	Unit	Result	Remark
Tensile Strength	ASTMD412	Mpa	7.2	
Elongation at break	ASTMD412	%	545	
Permanent Set	ASTMD412	%	6	
Hardness	ASTMD2240	Shore A	40	
Compression Set	ASTMD395	%	20	
Density	ASTMD297	g/cc	1.19	
Linearity contractibility		%	3.6	175°C*5min
<b>Heat Aging</b>				
Change in Tensile Strength	ASTMD573	%	-21.42	
Change in Elongation	ASTMD573	%	-36	
Change in Hardness	ASTMD573	%	6	200°C*72h
<b>Effect of Liquids</b>				
Change in Tensile Strength	ASTMD471	%	-6.3	
Change in Elongation	ASTMD471	%	-12.1	
Change in Hardness	ASTMD471	%	-5	
Change in Volume after Oil Immersion	ASTMD471	%	7.7	
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.