



VicoSil™ 139DLK-BL

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		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		
Heat Aging					
Change in Tensile Strength	ASTMD573	%	-21,42		
Change in Elongation	ASTMD573	%	-36		
Change in Hardness	ASTMD573	%	6	200°C*72h	
Effect of Liquids					
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		
Compression Modulus	ISO-7743	5%	10%	20%	25%
		1.8 MPa 261 PSI	1.9 MPa 276 PSI	2.2 MPa 319 PSI	2.6 MPa 337 PSI

*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.