



VICONE

| Compound: VicoSil 139DLK-CL | | FDA approved Silicone 30 Duro | | |
|--|-------------|-------------------------------|--------|------------|
| Physical Property | Test Method | Unit | Result | Remark |
| Tensile Strength | ASTMD412 | Mpa | 4.5 | |
| Elongation at break | ASTMD412 | % | 570 | |
| Permanent Set | ASTMD412 | % | 5.1 | |
| Hardness | ASTMD2240 | Shore A | 33 | |
| Compression Set | ASTMD395 | % | 20 | |
| Density | ASTMD297 | g/cc | 1.19 | |
| Linearity contractibility | | % | 3.8 | 175°C*5min |
| Heat Aging | | | | |
| Change in Tensile Strength | ASTMD573 | % | -17 | |
| Change in Elongation | ASTMD573 | % | -29 | |
| Change in Hardness | ASTMD573 | % | 7 | 200°C*72h |
| Effect of Liquids | | | | |
| Change in Tensile Strength | ASTMD471 | % | -6.8 | |
| Change in Elongation | ASTMD471 | % | -7.2 | |
| Change in Hardness | ASTMD471 | % | -7.5 | |
| Change in Volume after Oil Immersion | ASTMD471 | % | 6.9 | |
| 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.