



## SILICONE SPECIFICATION

No. 序号	Test Item 测试项目	Test Result 测试结果	Advantage 优点
1	Hardness (shore A) 邵氏硬度	62	1.抗胀强度, 抗断性强 Anti-expansion strength, breaking and strong  2.良好弹性及压缩性 Good elasticity and compression  3.对中性溶剂具有良好的抵抗性 Neutral good solvent resistance  4.极佳抗热, 抗寒性 Excellent heat resistance, cold resistance  5.对臭氧及氧化物的侵蚀具极佳的抵抗性 Of ozone and oxides with excellent resistance to erosion  6.极佳的电绝缘性 Excellent electrical insulation  7.对身体健康无害 Harmful to health
2	Tensile strength, Mpa 拉伸强度	8.4	
3	Elongation at break, % 扯断伸长率	382	
4	Break permanent deformation, % 扯断永久变形	8	
5	Tear strength, kN/m 撕裂强度	19.7	
6	Variation in hardness (Shore A) 硬度变化	3	
	Tensile strength variance ratio, Mpa 拉伸强度变化率	14.3	
	Elongation at break variance ratio, % 扯断伸长率变化率	-15	
	Weight loss on heating, g 加热失重	1.5	
7	Heat shrinkage rate (70°C X 24h), % 加热收缩率	0	
8	Compression set (70°C X 24h, compress 30%), % 压缩永久变形	7.3	
9	Brittleness temperature, °C 脆性温度	-54.9 no crack	
10	Flame retardant property, level 阻燃性能	sample burnt to ashes 试样烧成灰烬	
11	Ozone resistance(50x10 <sup>-8</sup> , 40°C X96h, elongation 20%) 耐臭氧性	no crack 无龟裂	