

## 硅胶泡沫—超软硅胶泡沫参数表

FOAMSIL- Ultra Sofe Silicone Foam TDS

<b>型号 Model:GXC-SF2000</b>					
属性 Property	数值 Value	执行标准 Remark	结构 Structure	实物样品 Sample	
密度 Density (g/cm <sup>3</sup> )	0.17	MSTM D3574	<div style="display: flex; flex-direction: column; align-items: center;"> <div style="margin-bottom: 20px;"> <p>❖ Structure</p> <p>1.SF-2000N* Type</p>  <p>* : Color ( G:Gray/B:Black/R:Red/W:White)</p> </div> <div> <p>2.SF-2000A* Type</p>  <p>* : Color ( G:Gray/B:Black/R:Red/W:White)</p> </div> </div>		
厚度 Thickness (mm)	2.0-20	-			
宽度 Widths (mm)	520	-			
颜色 Colors	灰/黑/红/白 G/B/R/W	Visual			
25%压缩负荷 25%CFD (kPa)	12@25% Deflection	ASTM D1056			
压缩残留变形 Compression Set (%)	< 5@100°C /22hr	ASTM D1056			
拉伸强度 Tensile Strength (kPa)	180	ASTM D412			
延伸率 Elongation (%)	80	ASTM D412			
<b>电气和热性能 Electrical &amp; Thermal Properties</b>				<b>应用 Applications</b>	
介电常数 Dielectric constant	1.42	ASTM D149		<p>*减震垫和垫片， *电子零件和运输车辆中的振动隔离器。 *便携式电子设备中的低闭合力垫圈。 *防火隔热。</p> <p>*Shock absorbing cushion and gaskets, *Vibration isolators in electronic components and transportation vehicles. *Low closure force gaskets within portable electronics device. *Fire retardant thermal insulation.</p> <p>可用配置 Configurations available</p> <p>*板材、模切零件、卷料形式。 *Sheet form and die-cut parts and roll form.</p>	
介电强度 Dielectric Strength(Volts/mm)	3600	ASTM D150			
耐干弧性 Dry Arc Resistance(sec)	90	ASTM D495			
体积电阻率 Volume Resistivity(Ω -CM)	10 <sup>13</sup>	ASTM D257			
导热率 Thermal conductivity(W/mk)	0.09	ASTM E1530			
阻燃性 Flame Resistance	合格 Qualified	UL 94 V-0 and HF-1			
耐温性 Temperature resistance	-55- +200°C	推荐连续使用			
低温弯曲 Low temperature bending	通过 PASS	ASTM D1056 -55°C 下测得			
低温脆化 Low temperature embrittlement	通过 PASS	ASTM D2137 -62°C下测得			
火焰蔓延指数(LS) Flame spread index	合格 Qualified	ASTM E162 < 35			
烟雾密度 (DS) Smoke density	合格 Qualified	ASTM E662 < 100 和 < 200			
燃烧长度 Burning length	合格 qualified	FMVSS 302 小于 100MM/min			

\*由韩国 NOVA TECH COMPANY 提供技术支持，及生产订制厂商。

Technical support is provided by South Korea NOVA TECH COMPANY, as well as customized manufacturers.

\*以上参数仅供选材参考，具体以实物测试为标准依据。\*The above parameters are for reference only, and the actual test is based on the standard.