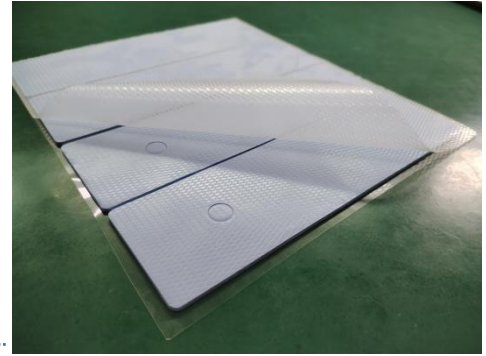


PSGP 200

Thermal conductive silicone pad

产品特点

- 导热系数 **Thermal conductivity: 2W/m-K**
- 电绝缘 **Electrical insulation**
- 自带粘性 **Self-adhesive**



特性 Properties	型号 PSGP 200	单位 Unit	公差 Tolerance	测试方法 Test Method
颜色 Color	蓝色 Blue	---	---	目视 Visual
厚度 Thickness	0.5~6	mm	±5%	ASTM D374
硬度 Hardness	20~60	Shore 00	---	ASTM D2240
体积电阻率 Volume Resistivity	10 ¹¹	Ω -m	---	ASTM D257
介电常数 Dielectric Constant	6.5	1000Hz	---	ASTM D150
导热系数 Thermal Conductivity	2	W/m.k	± 10%	ASTM D5470
介质击穿电压 Dielectric Breakdown Voltage	>6000	Vac/mm	± 10%	ASTM D149
连续使用温度 Continuous Use Temp	-60 to 200	° C	---	---
阻燃等级 Flame Rating	V-0	---	---	UL 94
密度 Density	2.2	g/cm ³	±0.2	ASTM D792
存储条件 Storage conditions	21	° C	±5° C	---
保质期 Shelf life	24	Months	---	---
溢气率 Gas overflow rate	<0.5	weight%	---	ASTM E595
热阻抗 Thermal impedance@20psi/1mm	0.8	° C.in ² /W	±5%	ASTM D5470

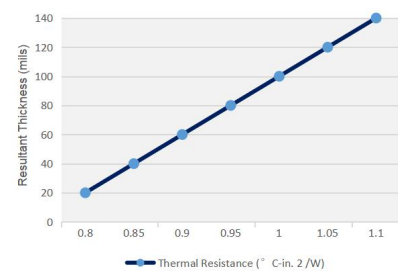
注：颜色可定制 Colors can be customized

PSGP200 可以保持最佳的散热性能，是一个理想的间隙填充混合物。它的两面都具有粘性，可以很好地贴合零件的表面，最大限度地减少界面阻力。

PSGP 200 has an ideal filler blend that gives it a low-modulus characteristic that maintains optimal thermal performance yet still allows for easy handling. The natural tack on both sides of the material allows for good compliance to adjacent surfaces of components, minimizing interfacial resistance.



Thickness Vs. Thermal Resistance



产品应用 Applications

- 电信 Telecommunications
- 消费电子 Consumer electronics
- 散热模块 Thermal modules