## 导热硅胶系列

| 产品型号 | | 胶体颜色 |
| --- | --- | --- |
| K-5202 | 导热系数：0.8 | 灰色 |
| K-5203 | 导热系数：1.2 | 白色 |
| K-5203K | 导热系数：1.2 | 白色 |
| K-5204K | 导热系数：1.6 | 白色 |

# 导热硅胶详细参数

DETAILED PARAMENTERS OF THERMAL CONDUCTIVE SILICA GEL

注*导热硅胶是会固化的，胶水粘接用途广泛，不确定可咨询客服解决！

| 产品型号 | K-5202 | K-5203 | K-5203K | K-5204K | K-5205 |
|---|---|---|---|---|---|
| 颜色 | 灰色膏状物 | 白色触变糊状 | 白色触变糊状 | 白色触变糊状 | 白色触变糊状 |
| 规格 | 80g | 80g | 80g | 80g | 100g |
| 保质期 | 12个月 | 12个月 | 12个月 | 12个月 | 12个月 |
| 密度(g/cm2) | 1.7 | 2.0~2.5 | 2.0~2.5 | 2.5±0.2 | 2.5~3.0 |
| 表干时间25℃/min | ≤30 | ≤30 | ≤10 | ≤10 | ≤10 |
| 抗拉强度25℃/秒 | ≥2.5 | ≥2.0 | ≥2.0 | ≥2.0 | ≥2 |
| 断拉伸率(%) | ≥100 | ≥70 | ≥70 | ≥65 | ≥70~120 |
| 剪切强度(MPa) | ≥1.5 | ≥1.5 | ≥1.5 | ≥1.5 | ≥2 |
| 硬度(shoreA) | 45-55 | 50-65 | 50-65 | 50-65 | 60-70 |
| 工作温度(℃) | -50-200 | -50-200 | -50-200 | -50-200 | -50-200 |
| 介电强度(KV/mm) | ≥20 | ≥15 | ≥15 | ≥15 | ≥15 |
| 介电常数(@60HZ) | ≥3.0 | ≥3.0 | ≥3.0 | ≥3.0 | ≤3.0 |
| 体积电阻(Ω.cm) | $1*10^{14}$ | $1*10^{14}$ | $1*10^{14}$ | $1*10^{14}$ | $1*10^{14}$ |
| 导热系数(W/M.K) | 0.8±0.2 | 1.2±0.3 | 1.2±0.3 | 1.6±0.3 | 2.0±0.4 |
| 特点：具有很好的抗冷热变性能，耐老化性能和电绝缘性能，防潮，防水，抗震耐电晕，抗漏电性能。 | | | | | |

# 多项检测
# 符合SGS环保要求

产品符合ROHS环保要求
本企业通过ISO9001质量管理体系认证

SGS

**Test Report** No. CANEC1814309102 Date: 20 Jul 2018 Page 1 of 4

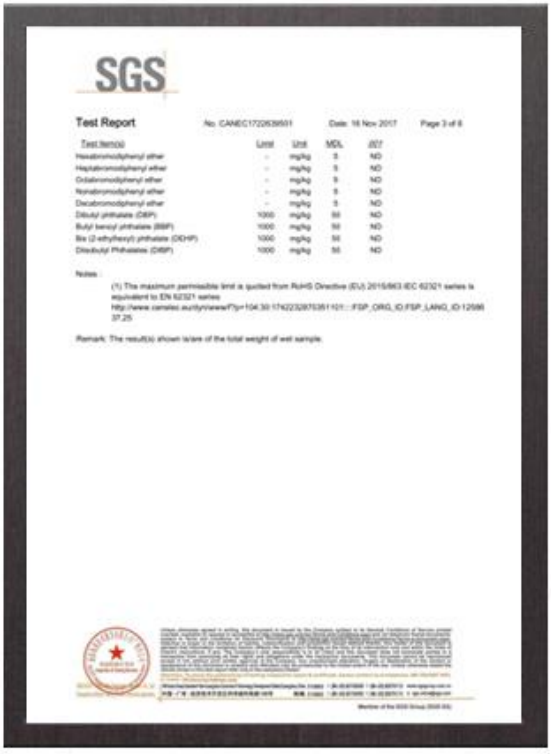
GUANGDONG HENGDA NEW MATERIALS TECHNOLOGY CO.,LTD
DUTIAN INDUSTRIAL DISTRICT LONGFENG HUIZHOU GUANGDONG
CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as : K-9220W-1

| | |
|---|---|
| SGS Job No. : | CP18-037822 - GZ |
| Model No. : | K-9220W-1 |
| Client Ref. Info. : | K-6901, K-9100T, K-9126, K-9128W, K-9128-GX, K-9128-JF, K-9229W, K-9220W-2,K-9229HW, K-9220WXH, K-9260W, K-9419-1, K-9421, K-9421W, K-9421H-2, K-9421HW, K-9421SW, K-9427W, K-9428W, K-9429, K-9429W, K-9212, K-9212W, K-9212-1 |
| Date of Sample Received : | 16 Jul 2018 |
| Testing Period : | 16 Jul 2018 - 20 Jul 2018 |
| Test Requested : | Selected test(s) as requested by client. |
| Test Method : | Please refer to next page(s). |
| Test Results : | Please refer to next page(s). |

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Merry Lv
Approved Signatory



SGS

**Test Report** No. CANEC1722638601 Date: 16 Nov 2017 Page 3 of 8

| Test Item(s) | Limit | Unit | MDL | 001 |
|---|---|---|---|---|
| Hexabromodiphenyl ether | - | mg/kg | 5 | ND |
| Heptabromodiphenyl ether | - | mg/kg | 5 | ND |
| Octabromodiphenyl ether | - | mg/kg | 5 | ND |
| Nonabromodiphenyl ether | - | mg/kg | 5 | ND |
| Decabromodiphenyl ether | - | mg/kg | 5 | ND |
| Dibutyl phthalate (DBP) | 1000 | mg/kg | 50 | ND |
| Butyl benzyl phthalate (BBP) | 1000 | mg/kg | 50 | ND |
| Bis (2-ethylhexyl) phthalate (DEHP) | 1000 | mg/kg | 50 | ND |
| Diisobutyl Phthalates (DIBP) | 1000 | mg/kg | 50 | ND |

Notes :

(1) The maximum permissible limit is quoted from RoHS Directive (EU) 2015/863 IEC 62321 series is equivalent to EN 62321 series
http://www.canelex.eu/cfpr/viewarf?p=104:30:1742232870351101::::P3P_ORG_ID:P3P_LANG_ID:12586:37,25

Remark: The result(s) shown is/are of the total weight of wet sample.

勝 特 力 材 料 886-3-5773766
胜特力电子(上海) 86-21-34970699
胜特力电子(深圳) 86-755-83298787
Http://www.100y.com.tw

# 基本参数

信息一目了然，更放心

BASIC PARAMETER

| 产品品牌 | 型号 | 颜色 |
| --- | --- | --- |
| 卡夫特Kafuter | K-5203/K(表干快) | 白色 |

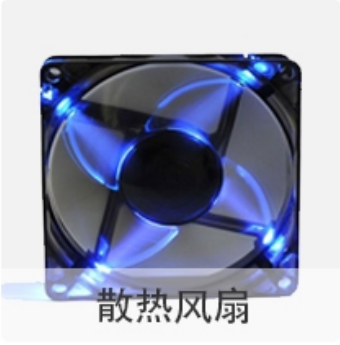
| 净含量 | 导热系数 | 耐温 |
| --- | --- | --- |
| 80克 | 1.2±0.3 | -50℃~200℃ |

| 固化时间 | 保质期 |
| --- | --- |
| 5203(30min表干，完全固化24h)<br>5203K(10min表干，完全固化24h) | 12个月 |

# 多种用途一应俱全

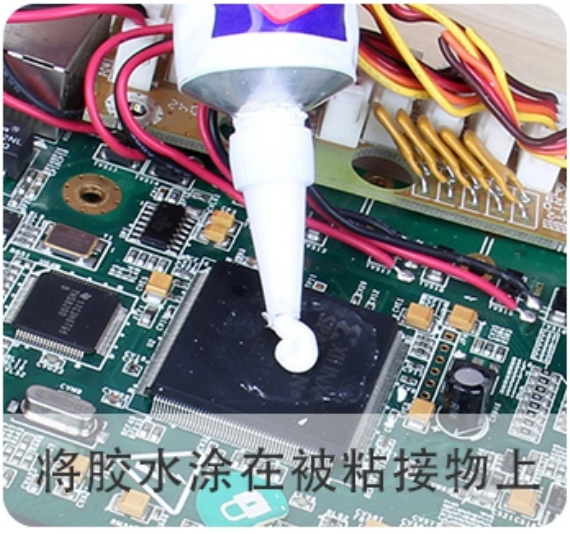
## 一胶水应用不浪费

ALL KINDS OF USES ARE AVAILABLE.



最主要的应用是代替导热硅脂（膏）作CPU与散热器、晶闸管智能控制模块与散热器、大功率电器模块与散热器之间的填充粘接。用此胶后可以除掉传统用卡片和螺钉的连接方式，带来的结果是更可靠的填充散热、更简单的工艺、更经济的成本。

# 操作流程

## 操作简单 使用方便

OPERATIONAL FLOW