

型號:704 粘合劑和合牌矽橡膠密封膠絕緣膠防水耐高溫
45 克

性能與用途：本品耐老化，耐酸堿耐高溫，五腐蝕，絕緣，防水，防震性能良好，特別是適用於電熱電器的絕緣灌封。



3 種常用硅橡膠 區別。主要看機械性能部份有差異。

勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-34970699
勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

703

产品描述:

产品性能特点:

本RTV硅橡胶是一种中性单组分室温硫化硅橡胶，常温下吸收空气中的水份固化，无毒、无污染、无腐蚀。具有良好的电绝缘和抗电弧性能，粘接范围广、耐冷水性能优异、性能稳定、使用方便等特点，可在-60℃~200℃温度范围内长期使用。本RTV硅橡胶有良好的粘附性，除常见的金属和非金属材料外，对金、银、不锈钢等难粘材料也具有一定的粘合力。

用途:

本RTV硅橡胶具有良好的粘合性和耐冷水性，用于粘接、密封、绝缘、防潮、防震材料，广泛应用于电子元件、半导体材料、电子电器等设备的粘接、密封，电加热器、电子仪表的防水、密封及电子元件的灌封等。具体如用于各种水下仪器仪表防潮密封、海底电缆灌封、小型电机磁瓦粘结、高压包、传感器灌封前表涂、汽车底盘、冷冻冷藏设备的密封等，该RTV硅橡胶广泛应用于电热水器、冷冻柜、电冰箱、咖啡壶、豆浆机、电子元件等。

技术性能:

固 化 前 固 化 后	机械性能	性能名称	K-703
		外观	乳白粘稠液
		表干时间 (25℃, min)	≤10
	电性能	抗拉强度 (MPa)	≥1.5
		扯断伸长率 (%)	≥200
		剪切强度 (MPa)	≥1.5
		硬度(ShoreA)	25~35
		使用温度 (℃)	-60~200
		介电强度 (KV/mm)	19
		介电常数 (@60HZ)	2.96
		体积电阻(Ω .cm)	2×10 ¹⁵

704

产品描述:

产品特点:

K-704 硅胶本品是一种中性单组分室温硫化硅橡胶，常温下吸收空气中的水份固化。无毒、无污染、无腐蚀。具有良好电绝缘和抗电弧性能，耐老化、防潮，有良好的粘接性能。可在-60℃----250℃温度范围内长期使用。贮存期长，性能稳定，可粘接常见的金属和非金属材料，故适用于多种金属之间、金属和非金属材料之间的粘合、密封。

用途:

本RTV硅橡胶作为粘接、密封、绝缘、防潮、防震材料，广泛应用于电子元件、半导体材料、电子电器等设备的粘接、密封，电加热器、电子仪表的防水、密封及电子元件的灌封等。具体如电加热末端的密封、小马达磁瓦和金属外壳的粘接、汽车车灯、光学仪器和镜头的粘合密封、电子仪表外壳的粘合、电机的绝缘保护、电子元件的粘合密封等。

固 化 前		性能名称	K-704
		外观	乳白粘稠液
		表干时间 (25℃, min)	≤10
固 化 后	机械 性能	抗拉强度 (MPa)	≥1.5
		扯断伸长率 (%)	≥150
		剪切强度 (MPa)	≥0.8
		硬度 (ShoreA)	30~40
		使用温度 (℃)	-60~200
	电性 能	介电强度 (KV/mm)	16
		介电常数 (@60HZ)	2.96
		体积电阻 (Ω.cm)	2×10 ¹⁵

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产品特点:

本RTV硅橡胶是一种中性透明单组份室温硫化硅橡胶，常温下吸收空气中的水份固化。具有无毒、无污染、无腐蚀、耐老化、防潮、电绝缘和抗电弧性能优良的特点，并具有良好的粘接性能。可在-60℃~200℃温度范围内长期使用，性能稳定，主要用作电子元器件的灌注密封，起到防潮、密封、抗震，从而达到性能稳定的作用。

用 途:

由于本RTV硅橡胶固化后呈透明状弹性体，可用于需要透明的光学材料的粘合密封，又因具有一定的粘附性，可用于小型电子元器件及电视机行业输出变压器的灌封和密封，起到防潮、密封、抗震从而达到性能稳定的作用。可作为可控硅台面保护、光学仪器需要透明的粘合密封、电子、通讯仪器的防潮密封保护涂层、晶体管和硅二极管的内涂料和保护涂层等。

固 化 前		外观	透明粘稠液
		粘度 (25℃, mPa·s)	20000
		表干时间 (25℃, min)	≤10
固 化 后	机械 性能	抗拉强度 (MPa)	≥0.8
		扯断伸长率 (%)	≥200
		剪切强度 (MPa)	≥0.5
		硬度 (ShoreA)	15~25
		使用温度 (℃)	-60~200
	电性 能	介电强度 (KV/mm)	15
		介电常数 (@60HZ)	2.86
		体积电阻 (Ω.cm)	2.0×10 ¹⁵

测试报告

No. NGBEC2103933602

日期: 2021年08月12日

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无锡市和合电器配件厂

无锡市新吴区鸿山街道鸿运路170号

以下测试之样品是由申请者所提供及确认: 有机硅密封胶

SGS工作编号: NP21-004363 - NB

型号: HZ-704

样品接收日期: 2021年08月06日

测试周期: 2021年08月06日 - 2021年08月12日

测试要求: 根据客户要求测试

测试方法: 请参见下一页

测试结果: 请参见下一页

结论: 基于所送样品的指定部位进行的测试, 镉、铅、汞、六价铬、多溴联苯(PBBs)、多溴二苯醚(PBDEs)、邻苯二甲酸酯(如邻苯二甲酸二丁酯(DBP)、邻苯二甲酸丁苄酯(BBP)、邻苯二甲酸二(2-乙基己基)酯(DEHP)和邻苯二甲酸二异丁酯(DIBP))的测试结果符合欧盟RoHS指令2011/65/EU附录II的修正指令(EU) 2015/863的限值要求。

通标标准技术服务有限公司宁波分公司
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李科建

Kell Li 李科建
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测试结果:

测试样品描述:

样品编号	SGS样品ID	描述
SN1	NGB21-039336.002	白色膏体

备注:

- (1) 1 mg/kg = 0.0001%
- (2) MDL = 方法检测限
- (3) ND = 未检出 (< MDL)
- (4) "-" = 未规定

RoHS 指令2011/65/EU附录II的修正指令(EU) 2015/863

测试方法: 参考IEC 62321-4:2013+AMD1:2017, IEC 62321-5:2013, IEC 62321-7-2:2017, IEC 62321-6:2015和IEC 62321-8:2017, 采用ICP-OES,UV-Vis和GC-MS进行分析.

测试项目	限值	单位	MDL	002
镉(Cd)	100	mg/kg	2	ND
铅(Pb)	1000	mg/kg	2	ND
汞(Hg)	1000	mg/kg	2	ND
六价铬 (Cr(VI))	1000	mg/kg	8	ND
多溴联苯(PBBs)之和	1000	mg/kg	-	ND
一溴联苯	-	mg/kg	5	ND
二溴联苯	-	mg/kg	5	ND
三溴联苯	-	mg/kg	5	ND
四溴联苯	-	mg/kg	5	ND
五溴联苯	-	mg/kg	5	ND
六溴联苯	-	mg/kg	5	ND
七溴联苯	-	mg/kg	5	ND
八溴联苯	-	mg/kg	5	ND
九溴联苯	-	mg/kg	5	ND
十溴联苯	-	mg/kg	5	ND
多溴二苯醚之和(PBDEs)	1000	mg/kg	-	ND
一溴二苯醚	-	mg/kg	5	ND
二溴二苯醚	-	mg/kg	5	ND
三溴二苯醚	-	mg/kg	5	ND
四溴二苯醚	-	mg/kg	5	ND
五溴二苯醚	-	mg/kg	5	ND
六溴二苯醚	-	mg/kg	5	ND



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中国·浙江·宁波高新区凌云路1177号 邮编: 315040 tHL (86-574)89070271 tML (86-574)89070242 sgs.china@sgs.com

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测试项目	限值	单位	MDL	002
七溴二苯醚	-	mg/kg	5	ND
八溴二苯醚	-	mg/kg	5	ND
九溴二苯醚	-	mg/kg	5	ND
十溴二苯醚	-	mg/kg	5	ND
邻苯二甲酸二丁酯 (DBP)	1000	mg/kg	50	ND
邻苯二甲酸丁苄酯(BBP)	1000	mg/kg	50	ND
邻苯二甲酸二(2-乙基己基)酯(DEHP)	1000	mg/kg	50	ND
邻苯二甲酸二异丁酯(DIBP)	1000	mg/kg	50	ND

备注:

(1) 最大允许极限值引用自RoHS指令(EU) 2015/863。

(2) IEC 62321 系列等同于 EN 62321 系列

https://www.cenelec.eu/dyn/www/f?p=104:30:1742232870351101:::FSP_ORG_ID,FSP_LANG_ID:1258637,25。

(3) 2021年7月22号开始, DEHP, BBP, DBP 和 DIBP的限制适用于医疗器械, 包括体外医疗器械, 监控仪表, 包括工业监测和控制仪器。

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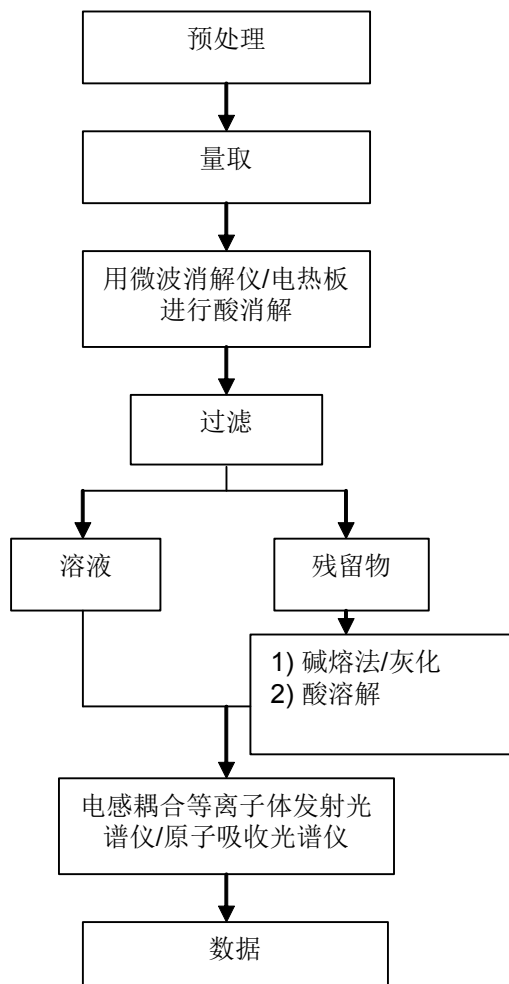
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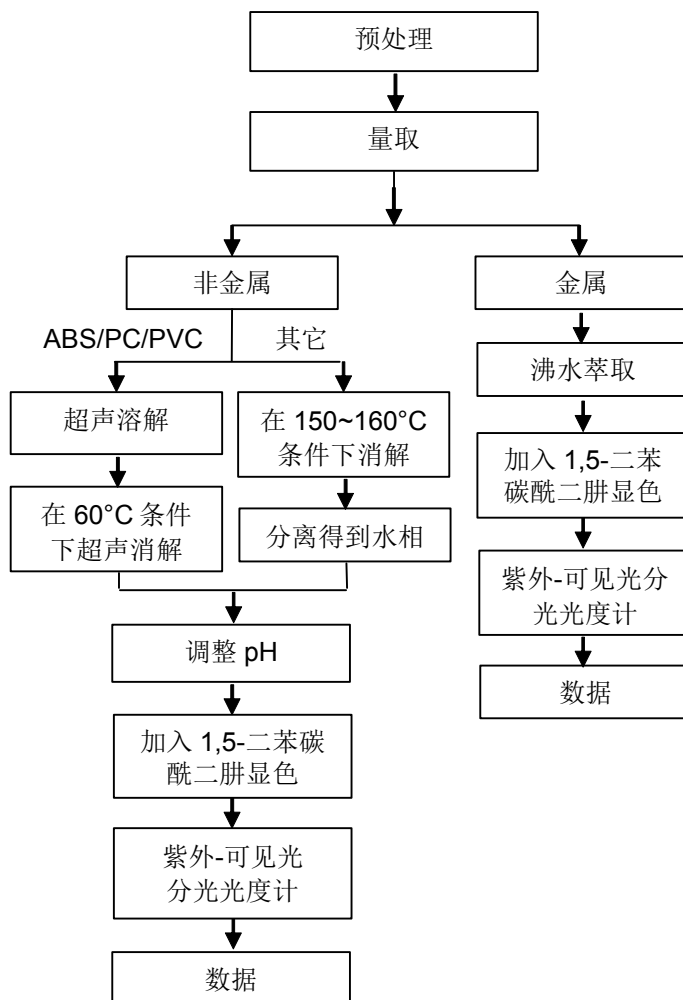
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元素(IEC62321) 测试流程图

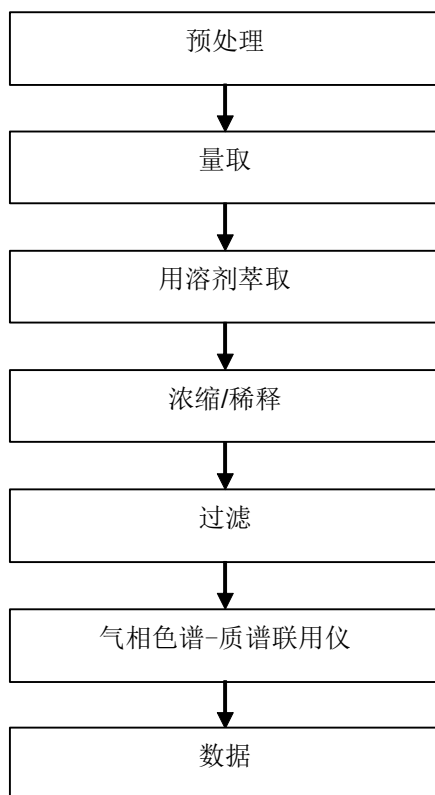
1)样品按照下述流程被完全消解



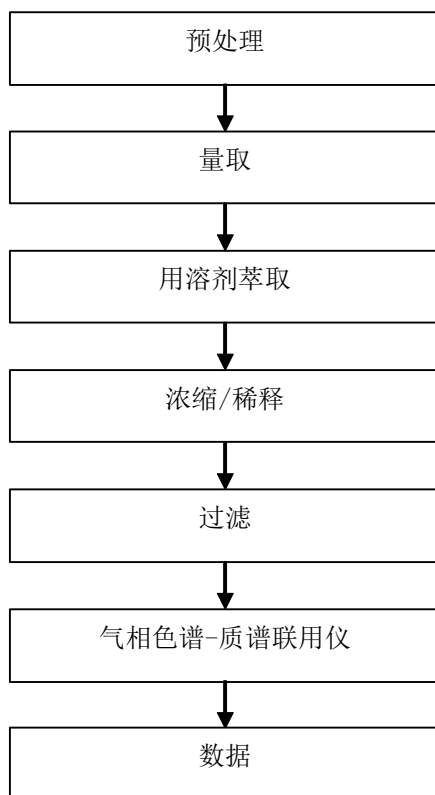
六价铬测试流程图



PBBs/PBDEs 测试流程图



Phthalates 测试流程图



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样品照片:



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