

检测报告

编号: SHAEC25014097704

日期: 2025 年 06 月 17 日

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客户名称: 镇江钰沅硅材料有限公司
客户地址: 江苏省扬中市三茅街道职中路 285 号

样品名称: 硅橡胶
型号: ZY-44

以上样品及信息由客户提供。

SGS 工作编号: SHP25-019146
样品接收时间: 2025 年 06 月 11 日
检测周期: 2025 年 06 月 11 日 ~ 2025 年 06 月 17 日
检测要求: 根据客户要求检测。
检测方法: 见后续页。
检测结果: 见后续页。

	检测要求	说明
1	总迁移量	见检测结果
2	欧洲议会和欧盟理事会法规 1935/2004(2004 年 10 月 27 日), 德国食品与日用品法案 (LFGB)(2005 年 9 月 1 日)第 30 和 31 章节及其修订法案以及 BfR 建议 - 感官(气味和味道)检测	符合
3	欧洲议会和欧盟理事会法规 1935/2004(2004 年 10 月 27 日), 德国食品与日用品法案 (LFGB)(2005 年 9 月 1 日)第 30 和 31 章节及其修订法案以及 BfR 建议 - 多环芳香烃 (PAHs)	符合
4	欧洲议会和欧盟理事会法规 1935/2004(2004 年 10 月 27 日), 德国食品与日用品法案 (LFGB)(2005 年 9 月 1 日)第 30 和 31 章节及其修订法案以及 BfR 建议 - 挥发性有机物(VOM)	符合
5	欧洲议会和欧盟理事会法规 1935/2004(2004 年 10 月 27 日), 德国食品与日用品法案 (LFGB)(2005 年 9 月 1 日)第 30 和 31 章节及其修订法案以及 BfR 建议 - 铅和镉	符合

通标标准技术服务(上海)有限公司
授权签名

倪俊

Tom Ni 倪俊
批准签署人

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Chemical Laboratories

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233

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tHL (86-21) 61402594 fHL (86-21) 61156899 sgs.china@sgs.com

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检测结果:

检测部件外观描述:

样品序号	样品编号	SGS 样品 ID	样品描述	材质 (客户提供)
SN1	A.C002	SHA25-0140977-0001.C002	米色半透明固体	硅橡胶

备注:

- (1) mg/dm² = 毫克每平方米
mg/inch² = 毫克每平方英寸
μg/cm² = 微克每平方米
mg/L = 毫克每升
mg/kg = 毫克每千克
- (2) °C = 摄氏度
°F = 华氏度
- (3) < = 小于
- (4) RL = 报告检出限
- (5) ND = 未检出 (< RL)。

面积体积比

样品编号	全迁移 (德国橡胶)
A.C002	5.0 dm ² /kg

总迁移量

检测方法: 参考 BfR 建议 XXI 进行测试条件的选择及 EN 1186-1:2002 进行测试方法的选择;
EN 1186-3:2022 易挥发模拟液中总迁移量的测试方法

	检测条件		
	10%乙醇(V/V)	3%乙酸(W/V)	去离子水
A.C002	40°C, 0.5 hr	40°C, 0.5 hr	40°C, 0.5 hr

模拟液	单位	RL	A.C002 (第三次)	说明
10%乙醇(V/V)	mg/dm ²	3.0	ND	见检测结果
3%乙酸(W/V)	mg/dm ²	3.0	ND	见检测结果
去离子水	mg/dm ²	3.0	ND	见检测结果

备注:

- (1) 检测条件和模拟液由客户指定。



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Chemical Laboratories Technical Services (Shanghai) Co., Ltd.

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233 tE&E (86-21) 61402553 fE&E (86-21) 64953679 www.sgsgroup.com.cn
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 tHL (86-21) 61402594 fHL (86-21) 61156899 sgs.china@sgs.com

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检测方法: 参考 DIN 10955: 2024。
检测人员数: 6

检测媒介	检测条件
	A.C002
蒸馏水	40°C, 0.5 hr

检测项目	限值	单位	A.C002
面积/体积	-	dm ² /kg	10.0
感官(气味)检测	2.5	-	0
感官(味道)检测	2.5	-	0
说明			符合

备注:

分数评价 (0.5 进制):

- 0 - 无差别
- 1 - 极小差别
- 2 - 微弱的可察觉的差别
- 3 - 明显可察觉的差别
- 4 - 极大的差别

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检测方法: 参考 AfPS GS 2019:01 PAK, 采用 GC-MS 进行分析。

检测项目	CAS No.	限值	单位	RL	A.C002
苯并(a)芘 (BaP)	50-32-8	0.2	mg/kg	0.2	ND
苯并(e)芘 (BeP)	192-97-2	0.2	mg/kg	0.2	ND
苯并(a)蒽 (BaA)	56-55-3	0.2	mg/kg	0.2	ND
苯并(b)荧蒽 (BbF)	205-99-2	0.2	mg/kg	0.2	ND
苯并(j)荧蒽 (BjF)	205-82-3	0.2	mg/kg	0.2	ND
苯并(k)荧蒽 (BkF)	207-08-9	0.2	mg/kg	0.2	ND
蒽 (CHR)	218-01-9	0.2	mg/kg	0.2	ND
二苯并(a,h)蒽(DBA)	53-70-3	0.2	mg/kg	0.2	ND
苯并(g,h,i)芘(二萘嵌苯) (BPE)	191-24-2	0.2	mg/kg	0.2	ND
茚苯(1,2,3-c,d)芘 (IPY)	193-39-5	0.2	mg/kg	0.2	ND
菲 (PHE)	85-01-8	0.2	mg/kg	0.2	ND



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检测项目	CAS No.	限值	单位	RL	A.C002
芑 (PYR)	129-00-0	0.2	mg/kg	0.2	ND
蒽 (ANT)	120-12-7	0.2	mg/kg	0.2	ND
荧蒽 (FLT)	206-44-0	0.2	mg/kg	0.2	ND
萘 (NAP)	91-20-3	0.2	mg/kg	0.2	ND
芴烯 (ANY)	208-96-8	0.2	mg/kg	0.2	ND
芴(萘嵌戊烷) (ANA)	83-32-9	0.2	mg/kg	0.2	ND
芴 (FLU)	86-73-7	0.2	mg/kg	0.2	ND
说明					符合

欧洲议会和欧盟理事会法规 1935/2004(2004 年 10 月 27 日), 德国食品与日用品法案(LFGB)(2005 年 9 月 1 日)第 30 和 31 章节及其修订法案以及 BfR 建议 - 挥发性有机物(VOM)

检测方法: 参考 BfR 检测方法-硅胶产品中有机挥发物的检测(09/2023)。
检测条件: 200°C, 4 hrs

检测项目	限值	单位	RL	A.C002
挥发性有机物 (VOM)	0.5	%(w/w)	0.10	0.18
说明				符合

备注:
 (1) %w/w =质量百分比

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检测方法: 酸消解, 采用 ICP-OES 进行分析。

检测项目	限值	单位	RL	A.C002
镉(Cd)	不得检出	mg/kg	2	ND
铅(Pb)	不得检出	mg/kg	2	ND
说明				符合

除非另有说明, 参照 ILAC-G8:09/2019, 使用简单接受 (w=0) 的二元判定规则进行符合性判定。
 除非另有说明, 此报告结果仅对检测的样品负责。本报告未经本公司书面许可, 不可部分复制。
 检测报告仅用于客户科研、教学、内部质量控制、产品研发等目的, 仅供内部参考。



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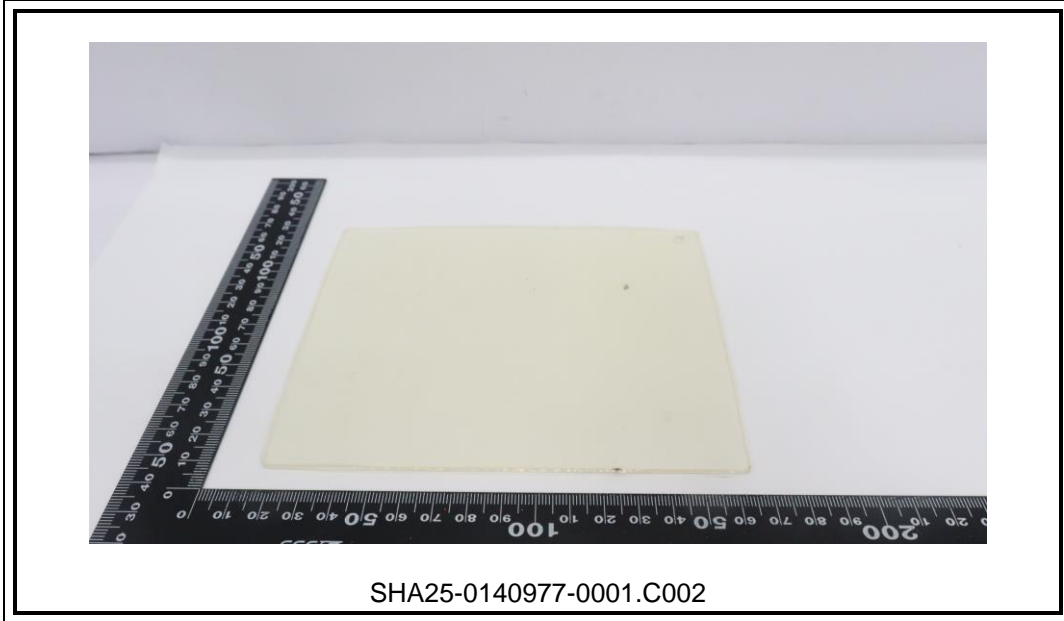
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样品照片:



SHA25-0140977-0001.C002

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