

## 测试报告

No. SHAEC1823970102

日期: 2018年11月07日 第1页,共5页

新安天玉有机硅有限公司  
广东清远高新技术产业开发区井岭路36号

以下测试之样品是由申请者所提供及确认: 硅橡胶

SGS工作编号: SP18-035387 - SH  
客户参考信息: TY171, TY971, TY976, TY1841, TY1841DT, TYA151, TYS171, TYS771, TYE171, TYE771, TY2800, TY3751, TY3961, TY4171, TY4771, TY4971, TY5151, TY5171, TY5741, TY5751, TY5771, TY5951, TY5971, TY8171, TY8771, TYF151  
样品接收日期: 2018年10月25日  
测试周期: 2018年10月25日 - 2018年11月01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

测试结果概要:

测试要求	结论
德国食品与日用品法案(LFGB)(2005年9月1日)第30和31章节及其修正法案和BfR建议-萃取物含量	符合
德国食品与日用品法案(LFGB)(2005年9月1日)第30和31章节及其修正法案和BfR建议-感官(气味和味道)测试	符合
德国食品与日用品法案(LFGB)(2005年9月1日)第30和31章节及其修正法案和BfR建议-铅和镉	符合
德国食品与日用品法案(LFGB)(2005年9月1日)第30和31章节及其修正法案和BfR建议-挥发性有机物(VOM)	符合



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SGS CSTC (Shanghai) Co., Ltd.  
Technical Services (Shanghai) Co., Ltd.  
Testing Center - Chemical Laboratory

13<sup>th</sup> Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&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 t HL (86-21) 61402594 f HL (86-21) 61156899 e [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

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Dora Hu胡敏  
批准签署人



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SGS-CSTC Technical Services (Shanghai) Co., Ltd.  
Testing Center - China (Shanghai) Laboratory

13<sup>th</sup> 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

t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgs.com.cn  
t HL (86-21) 61402594 f HL (86-21) 61156899 e [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

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测试结果:

### 测试样品描述:

样品编号	SGS样品ID	描述	材质 (客户提供)
SN1	SHA18-239701.003	半透明软固体	硅橡胶

备注:

- (1) mg/dm<sup>2</sup> = 毫克每平方米
- (2) mg/kg = 毫克每千克
- (3) °C = 摄氏度
- (4) < = 小于
- (5) MDL = 方法检测限
- (6) ND = 未检出 (< MDL)

### 德国食品与日用品法案(LFGB)(2005年9月1日)第30和31章节及其修正法案和BfR建议-萃取物含量

测试方法: 参考61届塑料测试交流会议, 联邦健康卫生报46 (2003) 362。

常用模拟液	时间	温度	最大允许限值	样品003 萃取物含量	结论
去离子水	4.0hr(s)	100°C	0.5% (w/w)	<0.1% (w/w)	符合
3%乙酸水溶液(W/V)	4.0hr(s)	100°C	0.5% (w/w)	<0.1% (w/w)	符合
10%乙醇水溶液(V/V)	4.0hr(s)	100°C	0.5% (w/w)	<0.1% (w/w)	符合

备注:

- (1) 测试条件和模拟液由客户指定。

### 德国食品与日用品法案(LFGB)(2005年9月1日)第30和31章节及其修正法案和BfR建议-感官(气味和味道)测试

测试方法: 参考DIN 10955:2004

测试媒介: 蒸馏水

测试人员数: 6

测试项目	限值	003
测试时间 (hr)	-	4
温度(°C)	-	100
感官(气味) 测试 (分数制)	2.5	0
感官(味道)测试 (分数制)	2.5	0
结论		符合



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 3<sup>rd</sup> Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgs.com.cn  
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

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

**德国食品与日用品法案(LFGB)(2005年9月1日)第30和31章节及其修正法案和BfR建议-铅和镉**

测试方法: 总铅和总镉: 酸消解, 采用 ICP-OES 进行分析。

测试项目	限值	单位	MDL	003
总铅	★	mg/kg	2	ND
总镉	★	mg/kg	2	ND
结论				符合

备注:

(1) ★=不得检出。

**德国食品与日用品法案(LFGB)(2005年9月1日)第30和31章节及其修正法案和BfR建议-挥发性有机物(VOM)**

测试方法: 参考61届塑料测试交流会议, 联邦健康卫生报46 (2003) 362

测试项目	限值	单位	MDL	003
时间	-	hr(s)	-	4.0
温度	-	°C	-	200
挥发性有机物(VOM)	0.5	% (w/w)	0.10	0.2
结论				符合

备注:

(1) %w/w = 质量百分比

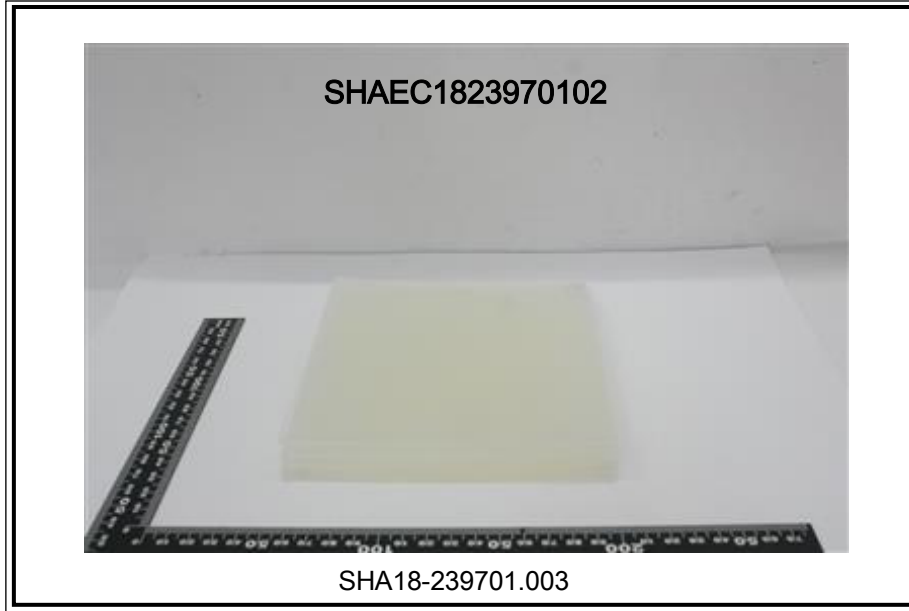
检测报告仅用于客户科研、教学、内部质量控制、产品研发等目的, 仅供内部参考。



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