

## 检测报告

编号 : GZIN2110057970MR-01\_CN

日期 : 2021-11-19

页码 : 1 of 10



客户名称: 深圳华捷新材料有限公司

客户地址: 深圳市坪山区坪山街道和平社区兰金四路 19 号华瀚科技工业园厂房 2 栋 107

样品名称 : HJ-AS801 柔性有机硅重防腐新材料

以上信息及样品由客户提供及确认, SGS 不承担证实客户提供信息的准确性、适当性和(或)完整性的责任。

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SGS 参考号 : CP21-053152

收样日期 : 2021-10-08

测试开始时间 : 2021-10-08

测试结束时间 : 2021-11-19

测试结果 : 请见下页 (除另有特别说明外, 此报告结果仅对测试样品负责)

通标标准技术服务有限公司广州分公司  
检测中心  
授权签名

白宇

授权签字人



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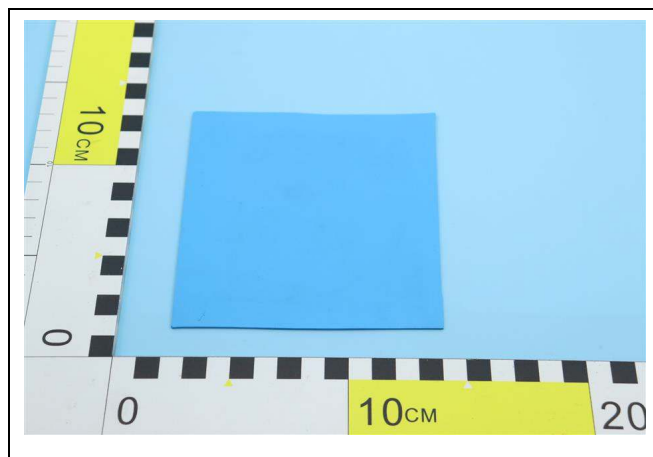
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### 结果总结:

序号	测试项目	测试方法	结果	结论
1	表面电阻率	IEC 62631-3-2:2015	1.12E+16 Ω/sq	/
2	体积电阻率	IEC 62631-3-1:2016	6.22E+13 Ω·m	/
3	击穿电压 & 介电强度	IEC 60243-1:2013 短时(快速)测试	详见结果	/
4	耐电压	IEC 60243-1:2013 第 10.6 节	无闪络或击穿发生	/

备注: 合格: 达到要求  
 不合格: 未达到要求  
 /: 不下判定

### 原样照片:



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1.测试项目: 表面电阻率

样品描述: 片材

测试方法: IEC 62631-3-2:2015

测试条件:

预处理条件: (23±2) °C, (50±5) %RH, 96 h

测试条件: (23±2) °C, (50±5) %RH

电极直径: D<sub>1</sub>=50 mm, D<sub>2</sub>=70 mm

测试电压: 100 Vdc

电化时间: 1 min

测试结果:

试样编号	表面电阻 R <sub>s</sub> (Ω)	表面电阻率 ρ <sub>s</sub> (Ω/sq)
1	8.63E+14	1.62E+16
2	7.53E+14	1.42E+16
3	5.92E+14	1.12E+16
4	4.15E+14	7.82E+15
5	2.35E+14	4.43E+15
中值	5.92E+14	1.12E+16

备注:

1. 测试试样从样品中截取。
2. E+n 是指 10<sup>n</sup>, 例如 1.00E+03 等同 1.00×10<sup>3</sup>。



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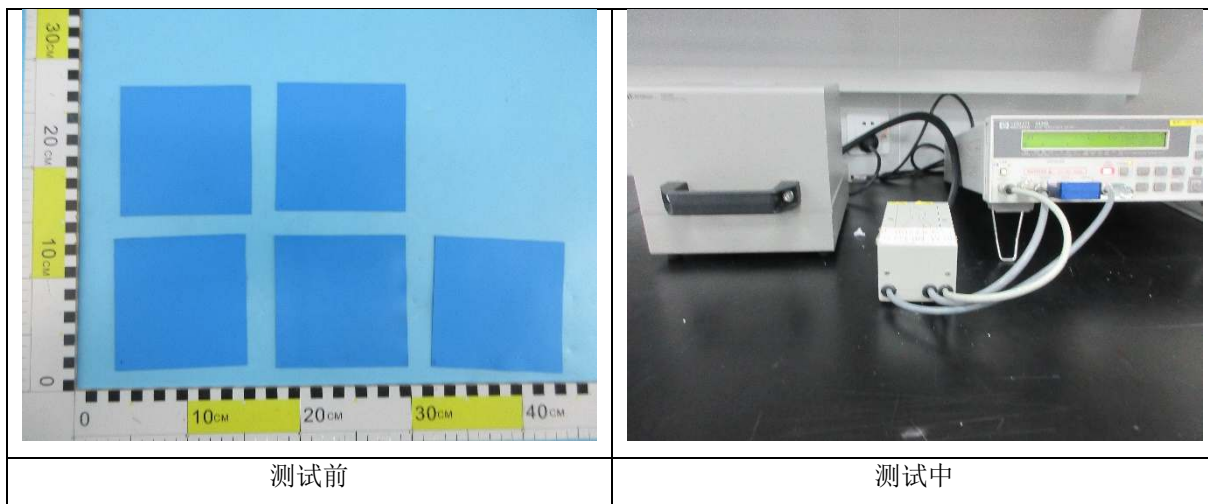
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测试照片:



设备信息:

设备	型号	设备编号	校准日期	下次校准日期
高阻计	4339B	GZMR-PL-E150	2021-06-04	2022-06-03

2.测试项目: 体积电阻率

样品描述: 片材

测试方法: IEC 62631-3-1:2016

测试条件:

预处理条件: (23±2) °C, (50±5) %RH, 96 h

测试条件: (23±2) °C, (50±5) %RH

电极直径: D<sub>1</sub>=50 mm, D<sub>2</sub>=70 mm

测试电压: 100 Vdc

电化时间: 1 min



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测试结果:

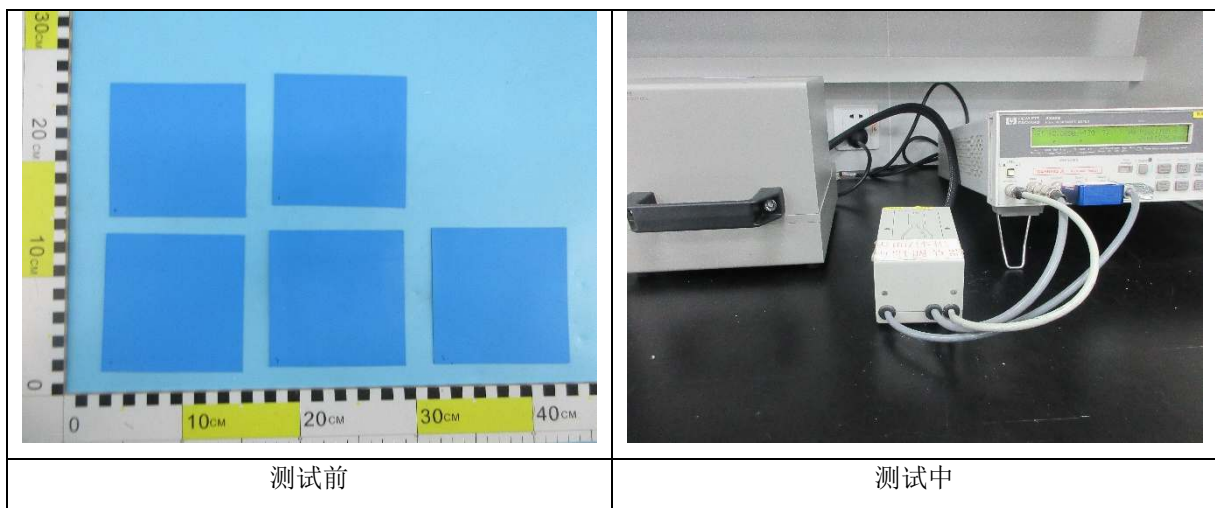
试样编号	厚度 (mm)	体积电阻 $R_v$ ( $\Omega$ )	体积电阻率 $\rho_v$ ( $\Omega \cdot m$ )
1	1.06	1.56E+13	4.17E+13
2	0.87	1.91E+13	6.22E+13
3	0.73	1.85E+13	7.14E+13
4	0.94	1.98E+13	5.95E+13
5	0.89	2.61E+13	8.32E+13
中值	--	1.91E+13	6.22E+13

备注:

1.测试试样从样品中截取。

2.E+n 是指  $10^n$ , 例如 1.00E+03 等同  $1.00 \times 10^3$ 。

测试照片:



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设备信息:

设备	型号	设备编号	校准日期	下次校准日期
桌上型厚度计	TG-3130-A3	GZMR-RL-E115	2021-04-26	2022-04-25
高阻计	4339B	GZMR-PL-E150	2021-06-04	2022-06-03

3. 测试项目: 击穿电压 & 介电强度

样品描述: 片材

测试方法: IEC 60243-1:2013 短时(快速)测试

测试条件:

预处理条件: (23±2) °C, (50±5) %RH, 48 h

测试温度: (23±2) °C

绝缘介质: 10#变压器油

不等直径电极:

下电极直径: 75 mm

上电极直径: 25 mm

施加电压频率: 50 Hz

升压速率: 2000 V/s

测试结果:

试样	试样厚度(mm)	击穿电压(kV)	介电强度(kV/mm)
1	1.30	22.97	17.70
2	1.42	23.53	16.61
3	1.35	21.99	16.28
4	1.40	25.71	18.30
5	1.38	24.17	17.57
中值	--	23.53	17.57



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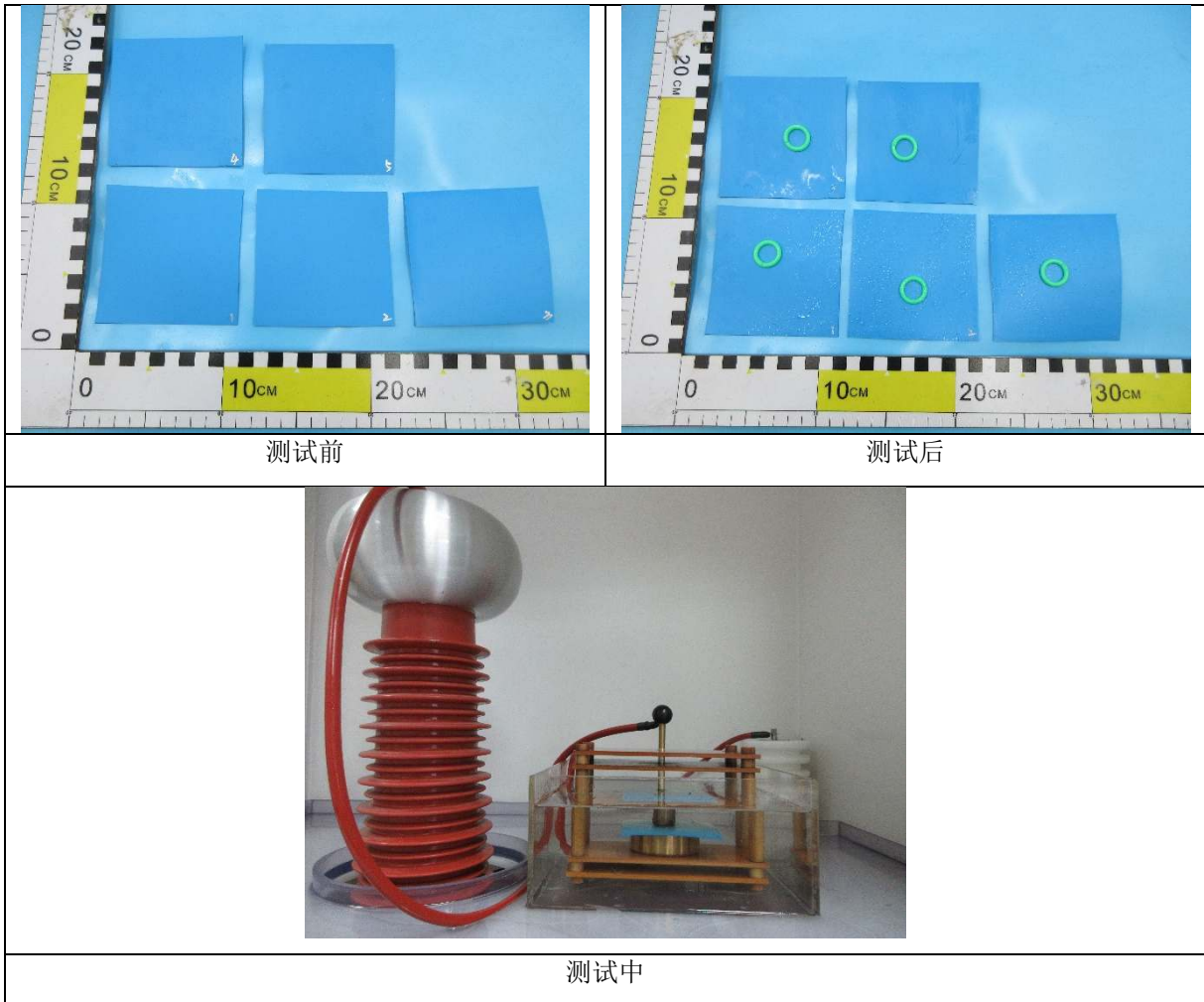
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测试照片:



设备信息:

设备	型号	设备编号	校准日期	下次校准日期
桌上型厚度计	TG-3130-A3	GZMR-RL-E115	2021-04-26	2022-04-25
微机控制电压击穿试验仪	DJC-100KV	GZMR-PL-E154-01	2021-03-08	2022-03-07



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### 4. 测试项目: 耐电压

样品描述: 片材

测试方法: IEC 60243-1:2013 第 10.6 节

测试条件:

预处理条件: (23±2)°C, (50±5)%RH, 48h

测试环境: (23 ± 2)°C, (50 ± 5)%RH

绝缘介质: 空气

不等直径电极: 下电极直径: 75mm

上电极直径: 25mm

施加电压频率: 50Hz

施加电压: AC 380V

施加时间: 1 min

测试结果:

试样	测试结果	客户要求	结论
1	无闪络或击穿发生	无闪络或击穿发生	合格
2	无闪络或击穿发生		合格
3	无闪络或击穿发生		合格
4	无闪络或击穿发生		合格
5	无闪络或击穿发生		合格



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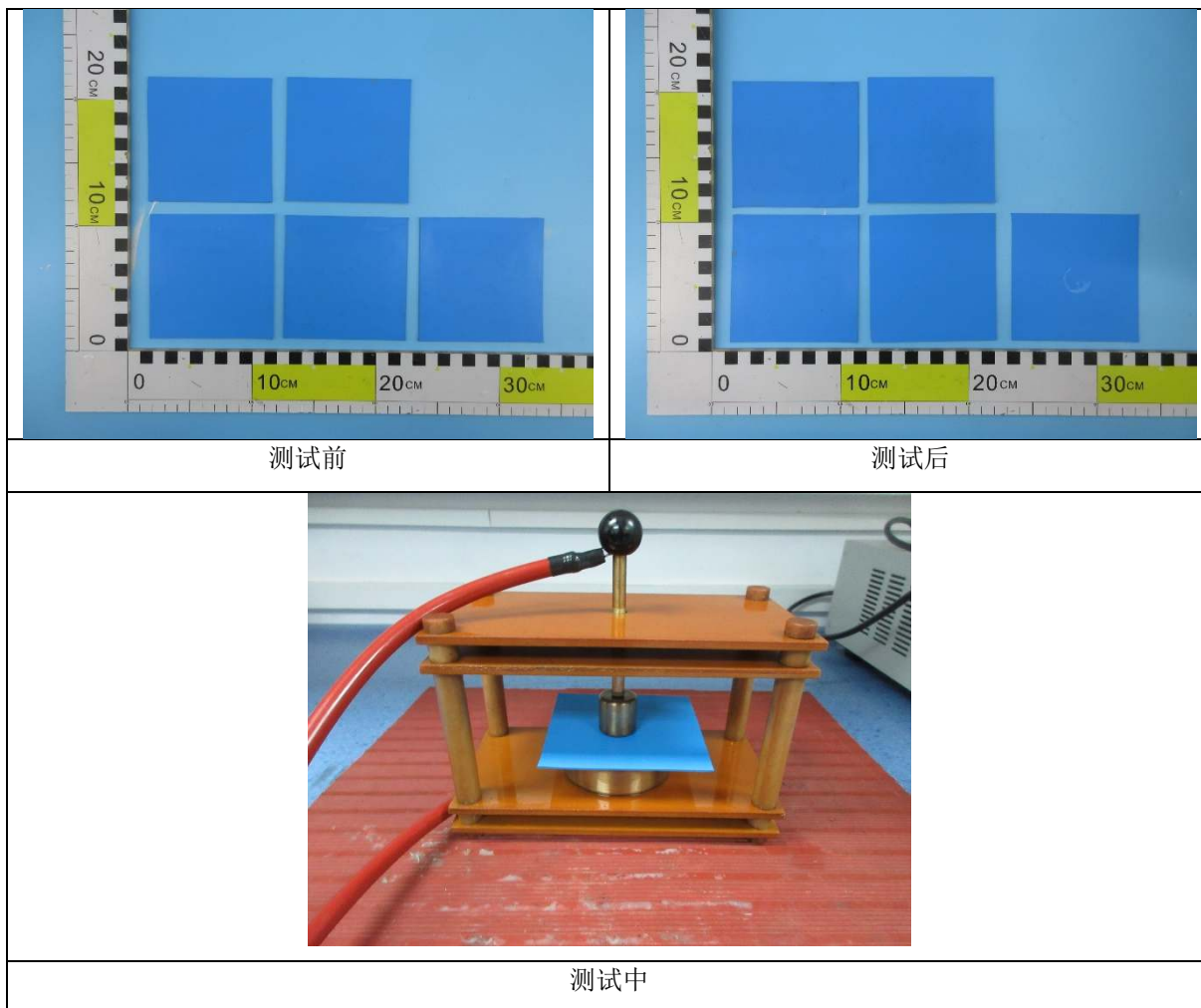
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### 设备信息:

设备	型号	设备编号	校准日期	下次校准日期
耐压测试仪	AN9636HS	GZMR-RL-E026-01	2021-03-24	2022-03-23

### 附录信息:

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2. 此测试报告用于取代编号 GZIN2110057970MR\_CN 测试报告，原报告作废。
3. 本报告更新了测试结束时间。
4. 本报告增加了测试项目 3 和测试项目 4。

\*\*\*\*\* 报告结束\*\*\*\*\*

