

检测报告

编号 : XMIN2203002307PS_CN

日期 : 2022-04-15

页码 : 1 of 12

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XMIN2203002307PS

客户名称 : 龙岩市优特建材有限公司
客户地址 : 福建省龙岩市新罗区雁石镇新芦村龙雁东三道 2 号

样品名称 : 纳米复合纤维瓦

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。

SGS 参考号 : GZMR220300654701
收样日期 : 2022-03-11
测试开始时间 : 2022-03-11
测试结束时间 : 2022-04-15
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厦门分公司
检测中心
授权签名

赵俊杰

授权签字人



检测报告

编号 : XMIN2203002307PS_CN

日期 : 2022-04-15

页码 : 2 of 12

结果总结:

序号	测试项目	测试方法	结果	结论
1	光老化试验-氙灯辐射暴露	GB/T 16422.2-2014 循环 1	详见结果	合格
2	冲击性能	GB/T 14206-2015	详见结果	合格
3	弯曲挠度	GB/T 14206-2015	详见结果	合格
4	树脂不可溶分含量	GB/T 2576-2005	详见结果	/
5	拉伸强度	GB/T 1447-2005	288MPa	/
6	弯曲强度	GB/T 1449-2005	396MPa	/
7	平均线性膨胀系数	GB/T 2572-2005	-30℃~60℃ 18×10 ⁻⁶ /℃	/

备注: 合格: 达到要求
 不合格: 未达到要求
 /: 不下判定



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检测报告

编号 : XMIN2203002307PS_CN

日期 : 2022-04-15

页码 : 3 of 12

1.测试项目: 光老化测试-氙灯辐射暴露

样品描述: 见照片

测试方法: GB/T 16422.2-2014 循环 1

试验条件:

试验循环:

辐照度: $(0.51 \pm 0.02) \text{W}/(\text{m}^2 \cdot \text{nm}) @ 340 \text{ nm}$

光照: 102 min, 黑标温度: $(65 \pm 3) ^\circ\text{C}$, 相对湿度: $(50 \pm 10) \% \text{RH}$

光照和喷淋: 18 min

滤镜: Daylight-B/B

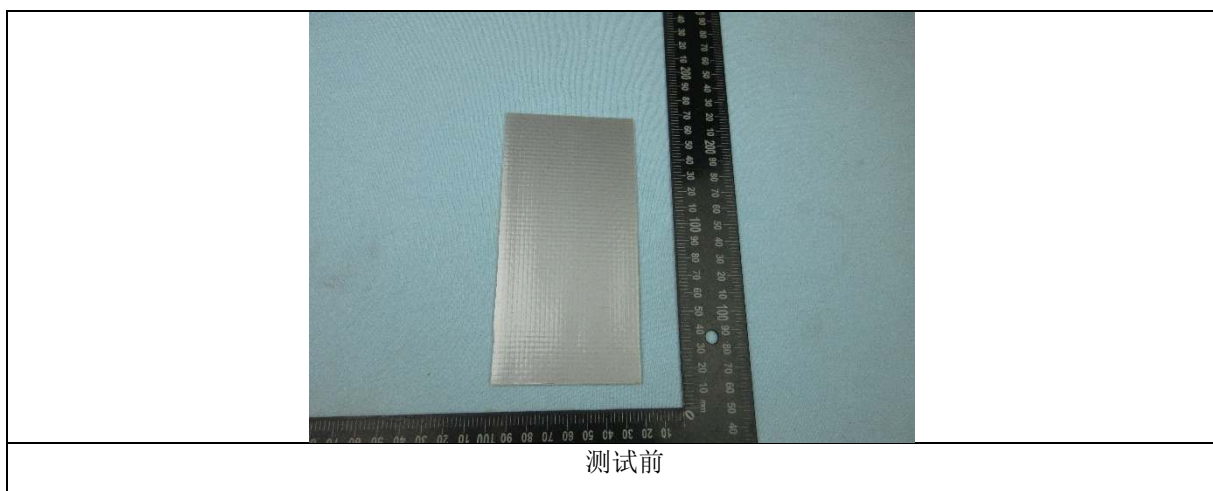
暴露时间: 300 小时

测试结果:

样品	外观	客户要求	结论
A	色泽均匀, 无可见气泡, 无穿透性针孔、露丝、断裂、分层等缺陷	色泽基本均匀, 无直径大于 4 mm 的气泡、穿透性针孔、露丝、断裂、分层等缺陷	合格

备注: 测试后样品可见变色。

测试照片:



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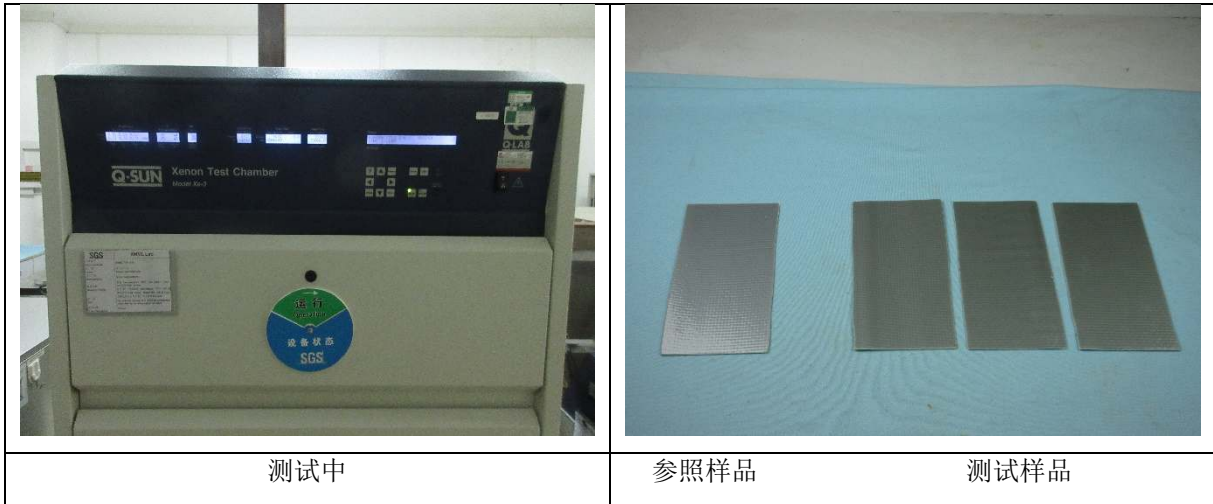
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检测报告

编号 : XMIN2203002307PS_CN
 日期 : 2022-04-15
 页码 : 4 of 12



设备信息:

设备	型号	设备编号	校准日期	下次校准日期
氙灯老化箱	Q-Sun Xe-3 HBS	XMML-POL-018	2021-10-14	2022-10-13

2.测试项目: 冲击性能

样品描述: 见照片

测试方法: GB/T 14206-2015

测试结果:

测试项目	测试结果	GB/T 14206-2015 标准要求	结论
冲击性能	经冲击强度试验后, 无断裂或贯穿的孔洞	经冲击强度试验后, 不应有断裂或贯穿的孔洞	合格



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检测报告

编号 : XMIN2203002307PS_CN

日期 : 2022-04-15

页码 : 5 of 12

3.测试项目: 弯曲挠度

样品描述: 见照片

测试方法: GB/T 14206-2015

测试结果:

测试项目	测试结果	GB/T 14206-2015 标准要求	结论
弯曲挠度	5 mm	≤22mm	合格

4.测试项目: 树脂不可溶分含量

样品描述: 见照片

测试方法: GB/T 2576-2005

试验条件:

温度: 20℃~25℃, 相对湿度: 45%~55%

测试结果:

测试项目	测试结果
树脂不可溶分含量	90.2%



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检测报告

编号 : XMIN2203002307PS_CN

日期 : 2022-04-15

页码 : 6 of 12

5.测试项目: 拉伸强度

样品描述: 见照片

测试方法: GB/T 1447-2005

测试条件:

试样: I 型

试样厚度: 1.39mm

测试速度: 10mm/min

夹头距离: 115mm

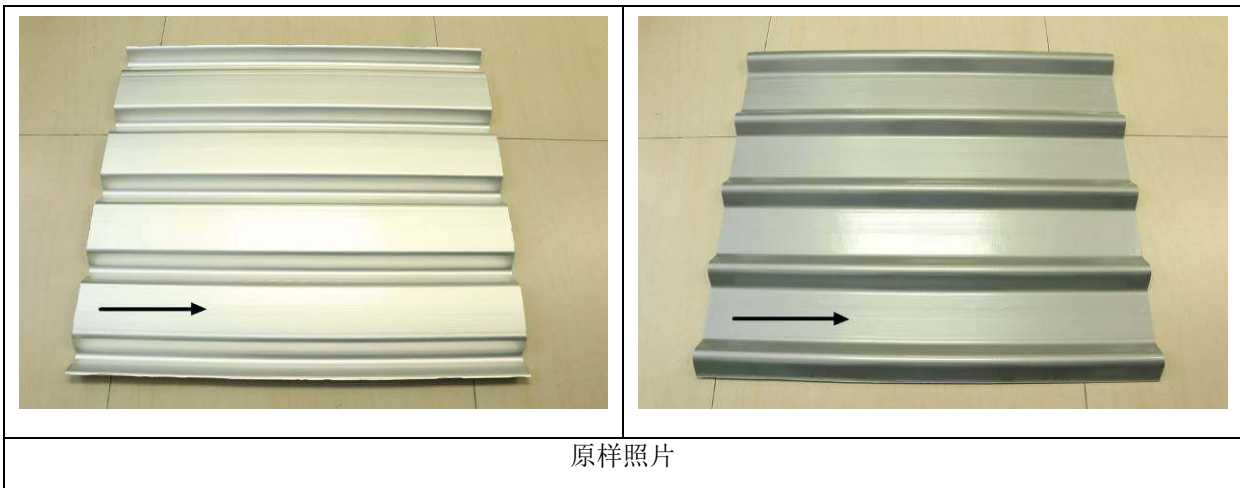
实验室环境条件: (23 ± 2) °C, (50 ± 5) % RH

测试结果:

测试项目	测试结果
拉伸强度	288MPa

备注: 测试试样从样品中裁取。

测试照片:



原样照片

检测报告

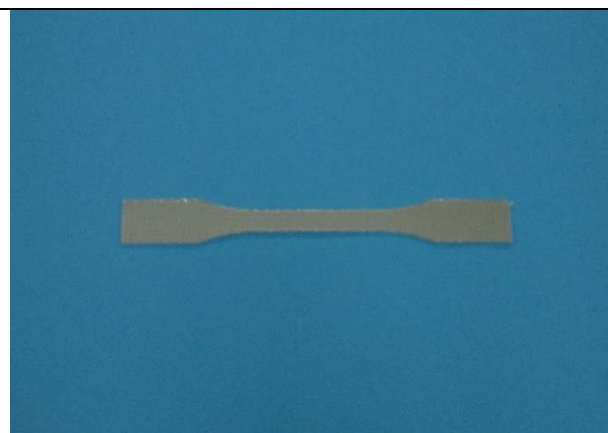
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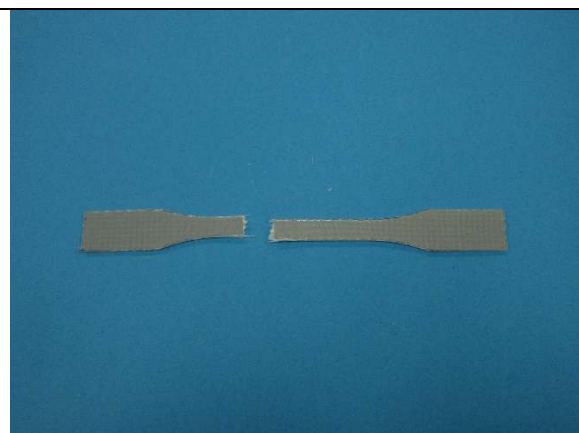
页码 : 7 of 12



测试中



测试前



测试后

设备信息:

设备	型号	设备编号	校准日期	下次校准日期
电子万能材料试验机	Z030	GZMR-PL-E140	2021-07-27	2022-07-26



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检测报告

编号 : XMIN2203002307PS_CN

日期 : 2022-04-15

页码 : 8 of 12

6.测试项目: 弯曲强度

样品描述: 见照片

测试方法: GB/T 1449-2005

测试条件:

试样: 45mm×15.0mm×1.29mm

测试速度: 10mm/min

跨距: 20mm

实验室环境条件: (23±2)°C, (50±5)%RH

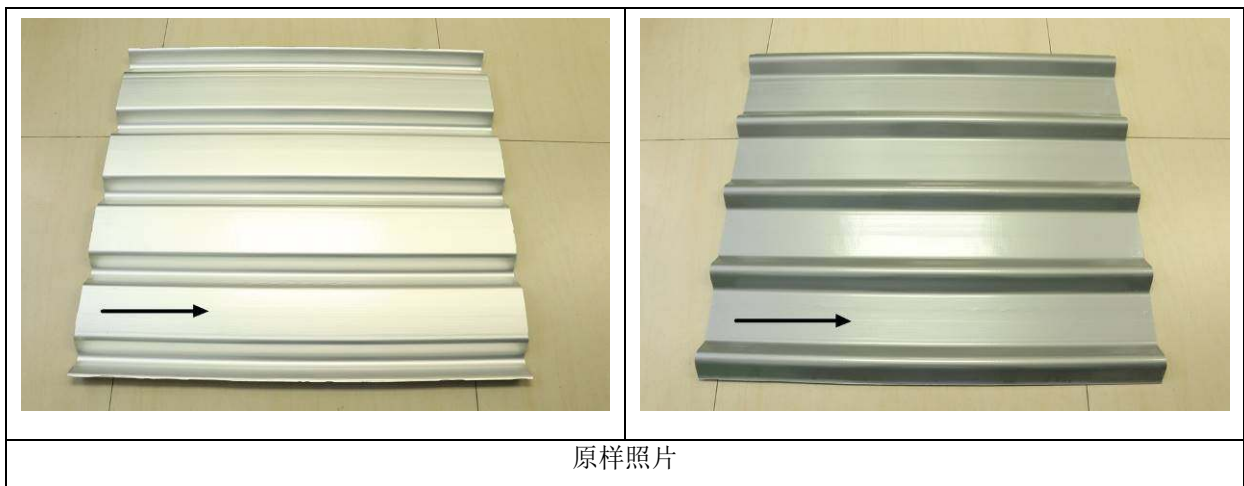
测试结果:

测试项目	测试结果
弯曲强度	396MPa

备注:

- 1.灰色面朝向负载。
- 2.测试试样从样品中裁取。

测试照片:



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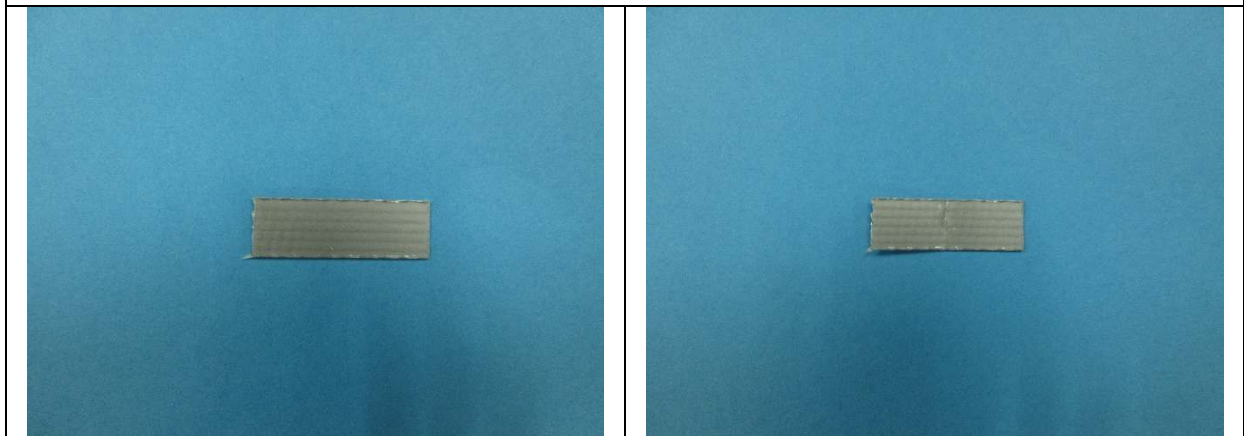
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日期 : 2022-04-15

页码 : 9 of 12



测试中



测试前

测试后

设备信息:

设备	型号	设备编号	校准日期	下次校准日期
电子万能材料试验机	Z010	GZMR-PL-E038	2021-07-28	2022-07-27



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检测报告

编号 : XMIN2203002307PS_CN
 日期 : 2022-04-15
 页码 : 10 of 12

7.测试项目: 平均线性膨胀系数

样品描述: 见照片

测试方法: GB/T 2572-2005

测试条件:

试样: 8.15mm×4.87mm×1.46mm

升温速率: 1°C/min

负载: 50mN

气体流动速率(He): 50ml/min

测试温度: -30°C~115°C

测试方向: 箭头方向

试样数: 3

实验室环境条件: (23±2)°C, (50±5)%RH

测试结果:

测试项目	测试结果	
平均线性膨胀系数	-30°C~60°C	18×10 ⁻⁶ /°C

备注: 测试试样从样品中截取。



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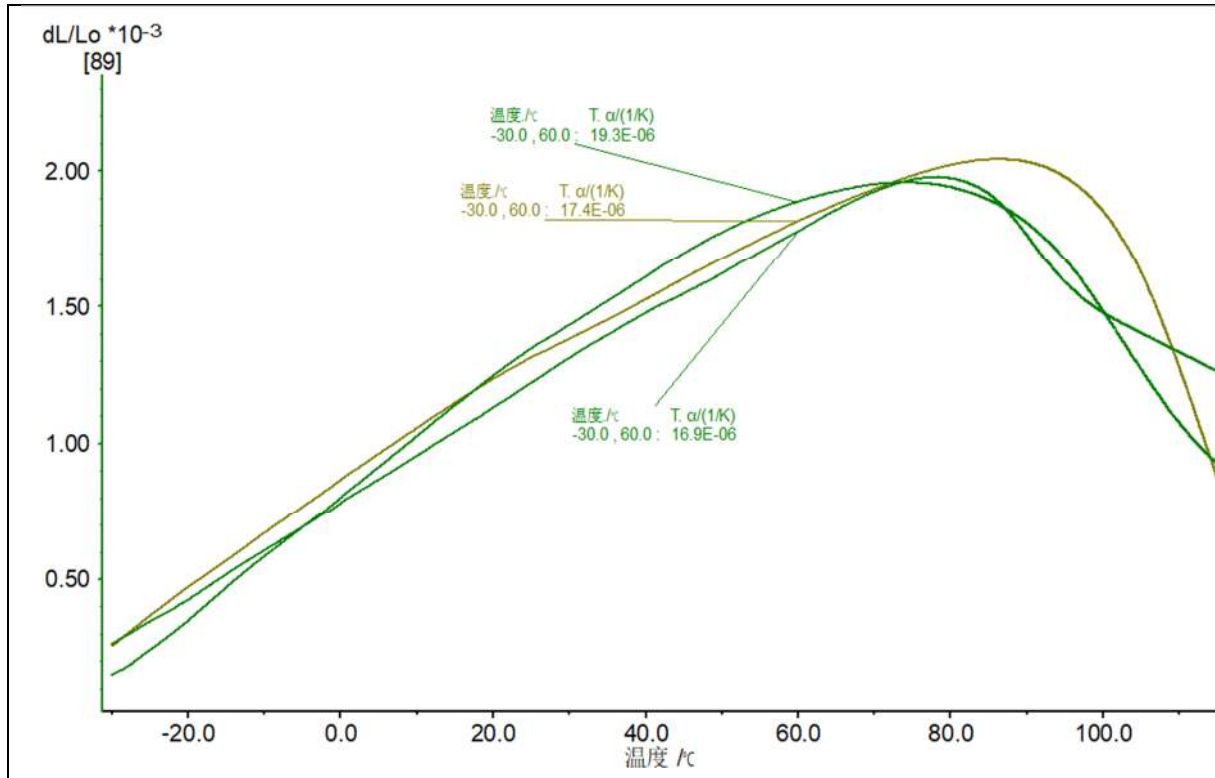
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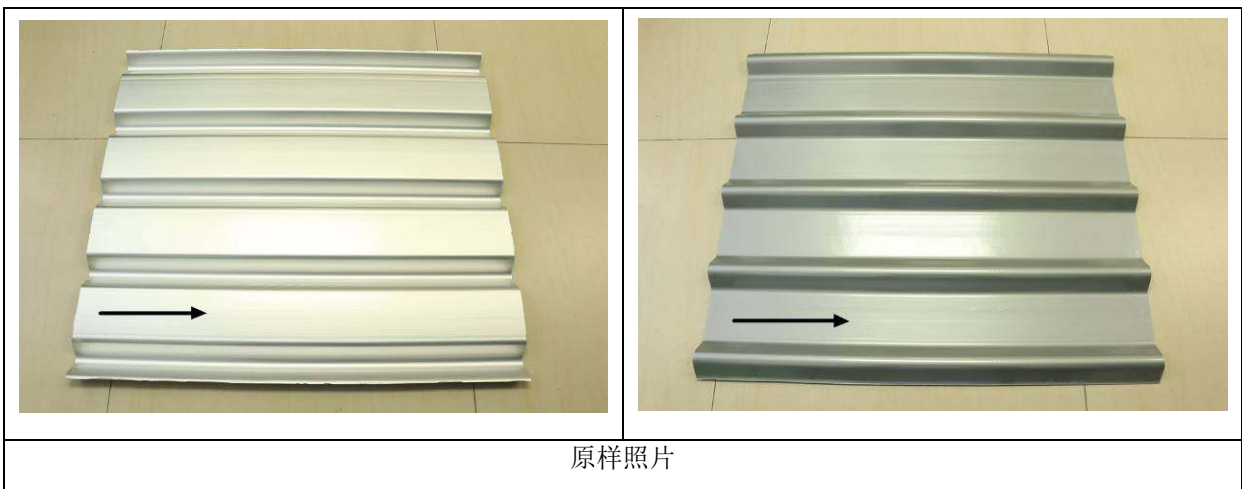
日期 : 2022-04-15

页码 : 11 of 12

曲线图:



测试照片:



原样照片



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Xiamen Branch Testing Center-Materials Laboratory

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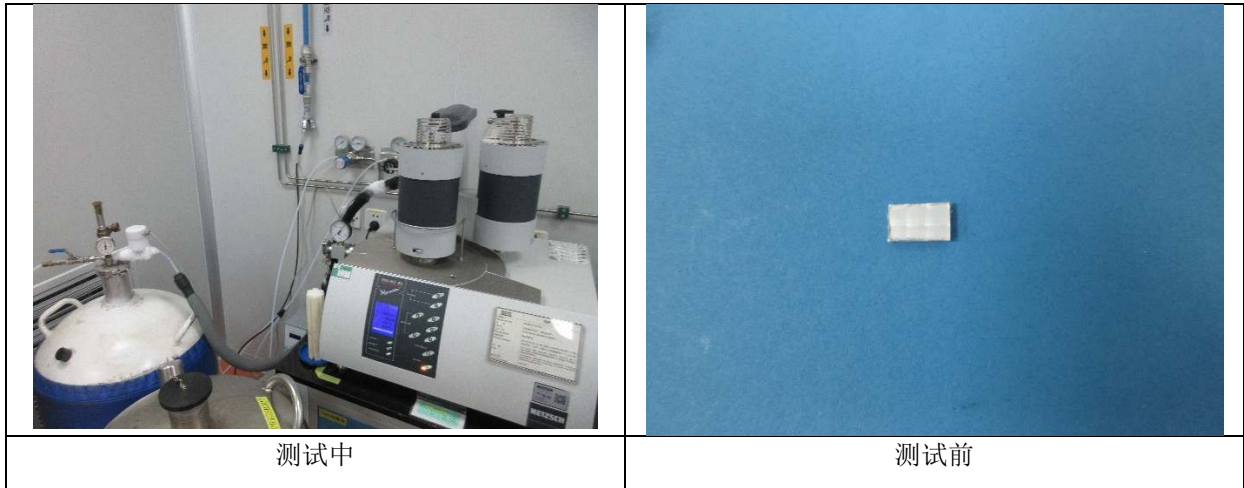
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检测报告

编号 : XMIN2203002307PS_CN

日期 : 2022-04-15

页码 : 12 of 12



设备信息:

设备	型号	设备编号	校准日期	下次校准日期
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- 测试项目 4 不在通标标准技术服务有限公司厦门分公司 CMA 和 CNAS 认可范围内；该项目是由广州质量监督检测研究院执行，其 CMA 证书编号为 201719121358，CNAS 证书编号：CNAS L0218。
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