

检测报告

编号 : GZMR221203808324

日期 : 2023-04-13

页码 : 1 of 7

客户名称: 江苏喜莱仕塑胶有限公司 JIANGSU SELEXIBLE PLASTIC CO., LTD

客户地址: 常州市武进区武进区凤翔路16号 NO. 16 FENGXIANG ROAD, WUJIN DISTRICT, CHANGZHOU

样品名称 : 亚克力 Cast Acrylic sheet

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 : CP22-065148

收样日期 : 2022-12-05

测试开始时间 : 2022-12-05

测试结束时间 : 2023-04-13

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
授权签名

彭卫玲

授权签字人



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

□ No.198, Kaifu Road, Science City, Economic & Technology Development Area, Guangzhou, Guangdong, China □ Room 101, Building 3, No.1501, Kaichuang Avenue, Huangpu District, Guangzhou, China t:(86-20) 82155555 www.sgs.com.cn
中国·广东·广州高新技术产业开发区科学城科珠路198号 中国·广东·广州市黄埔区开创大道1501号3栋101房 t:(86-20) 82155555 sgs.china@sgs.com

检测报告

编号 : GZMR221203808324

日期 : 2023-04-13

页码 : 2 of 7

结果总结:

序号	Test items	Test Methods	Result	结论
1	光老化试验-氙灯 辐射暴露	GB/T 7134-2008 第 6.9.3 节 & GB/T 16422.2-2022 循环 1 & ISO 105-A02:1993/Cor.2:2005	refer to result 详见结果	/

Light Aging Test - Xenon Lamp Radiation Exposure

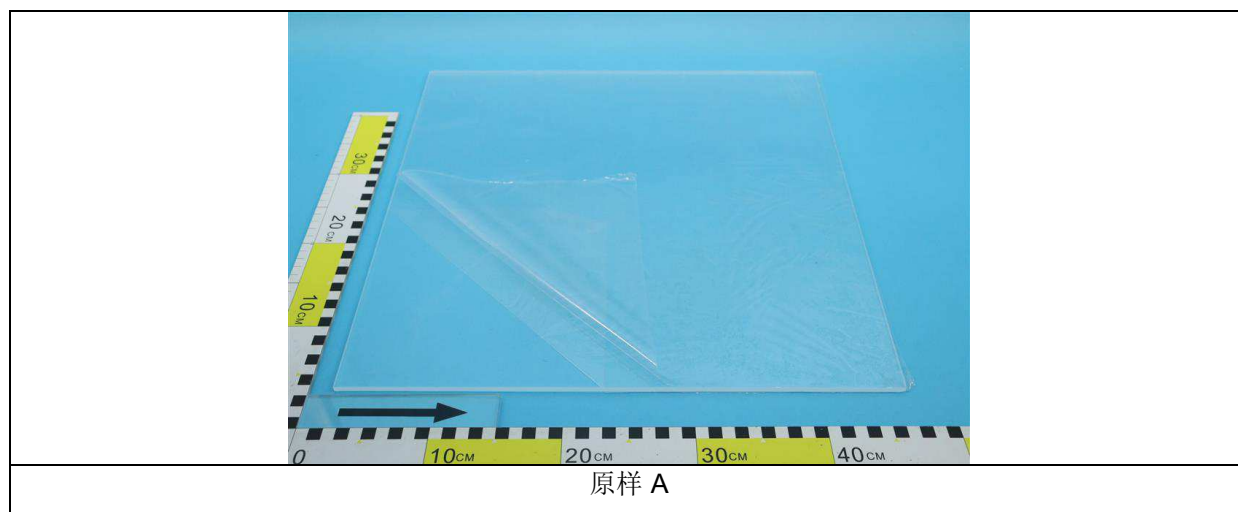
备注: 合格: 达到要求

不合格: 未达到要求

/: 不下判定

GB/T 7134-2008 Section 6.9.3 & GB/T
16422.2-2022 Circulation 1 & ISO 105-
A02:1993/Cor.2:2005

原样照片:



原样 A

SGS-CSTC 检验检测专用章
Guangzhou Branch Testing Services & Reliability Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

□ No.198, Kaifu Road, Science City Economic & Technology Development Area, Guangzhou, Guangdong, China □ Room 101, Building 3, No.1501, Kaifu Road, Huangpu District, Guangzhou, China t(86-20) 8215555 www.sgs.com.cn
中国·广东·广州高新技术产业开发区科学城珠路198号 中国·广东·广州市黄埔区开创大道1501号3栋101房 t(86-20) 8215555 sgs.china@sgs.com

检测报告

编号 : GZMR221203808324

日期 : 2023-04-13

页码 : 3 of 7

测试项目: 光老化试验-氙灯辐射暴露 Light aging test - Xenon lamp radiation exposure

样品描述: 片材 sheet

测试方法: GB/T 7134-2008 第 6.9.3 节 & GB/T 16422.2-2022 循环 1 & ISO 105-A02:1993/Cor.2:2005

Test Methods: GB/T 7134-2008 Section 6.9.3 & GB/T 16422.2-2022 Cycle 1 & ISO 105-A02:1993/Cor.2:2005

测试条件: Test condition:

试验循环: Test Cycle:

辐照度: $(0.51 \pm 0.02) \text{W}/(\text{m}^2 \cdot \text{nm})@340\text{nm}$ Irradiance: $(0.51 \pm 0.02) \text{W}/(\text{m}^2 \cdot \text{nm})@340\text{nm}$ 光照: 102min, 黑标温度: $(65 \pm 3)^\circ\text{C}$, 箱体温度: $(38 \pm 3)^\circ\text{C}$, 相对湿度: $(50 \pm 10)\% \text{RH}$ Illumination: 102min, Black Label Temperature: $(65 \pm 3)^\circ\text{C}$, Box Temperature: $(38 \pm 3)^\circ\text{C}$, Relative Humidity: $(50 \pm 10)\% \text{RH}$

光照和喷淋: 18min Lighting and spraying: 18min

滤镜: Boro/Boro Filter: Boro/Boro

暴露时间: 3000 小时 Exposure time: 3000 hours

测试结果:

测试项目 Test items	暴露时间 Exposure time	灰标等级 Grey label registration	外观 view from the outside
光老化试验-氙灯辐射 暴露 Light Aging Test - Xenon Radiation Exposure	480h	4-5	无可见变黄 No visible yellowing
	720h	4-5	无可见变黄
	1000h	4-5	无可见变黄
	1266h	4-5	无可见变黄
	1400h	4-5	无可见变黄
	1600h	4-5	无可见变黄
	1800h	4-5	无可见变黄
	2000h	4-5	无可见变黄
	2200h	4-5	无可见变黄
	2400h	4-5	无可见变黄
	2600h	4-5	无可见变黄
	2800h	4-5	无可见变黄 No visible yellowing
	3000h	4-5	无可见变黄 No visible yellowing

备注:

1. 根据 ISO 105-A02:1993/Cor.2:2005, 灰标等级是在标准光源 D65 下评定, 5 级最好, 1 级最差。

According to ISO 105-A02:1993/Cor.2:2005, the gray scale is rated under a standard light source D65, with 5 being the best and 1 being the worst.



检测报告

编号 : GZMR221203808324

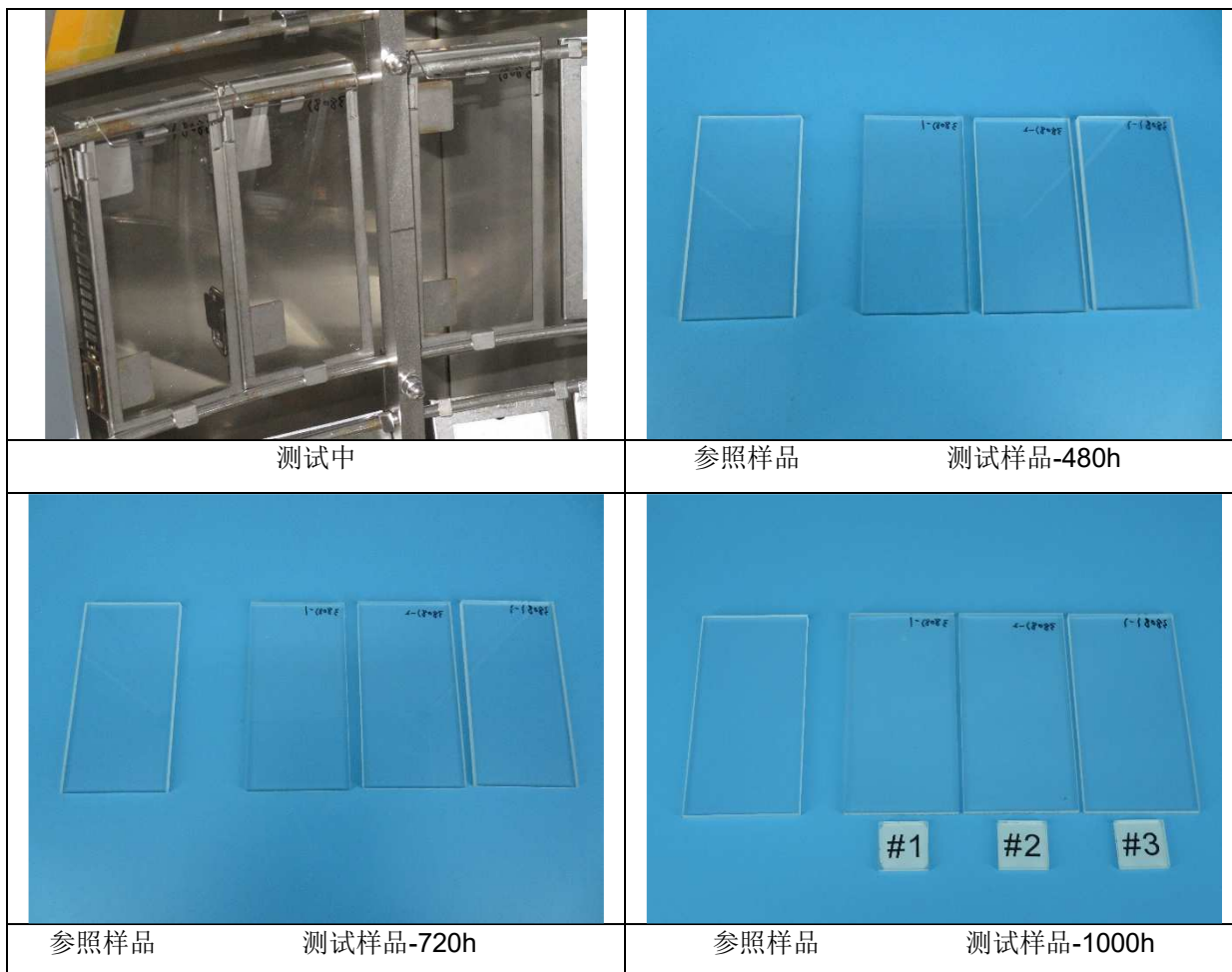
日期 : 2023-04-13

页码 : 4 of 7

2. 中间查样和测试结束后的结果评定都是在上述指定的暴露周期后的 1 小时内进行。

3. 测试前撕掉试样两面的保护膜。

测试照片:



SGS-CSTC 检测技术有限公司
Guangzhou Branch Testing Services & Reliability Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

□ No.198, Kaifu Road, Science City Economic & Technology Development Area, Guangzhou, Guangdong, China □ Room 101, Building 3, No.1501, Kaifu Road, Huangpu District, Guangzhou, China t(86-20) 8215555 www.sgs.com sgs.china@sgs.com
中国·广东·广州高新技术产业开发区科学城珠路198号 中国·广东·广州市黄埔区开创大道1501号3栋101房 t(86-20) 8215555 sgs.china@sgs.com

检测报告

编号 : GZMR221203808324

日期 : 2023-04-13

页码 : 5 of 7

参照样品 测试样品-1266h	参照样品 测试样品-1400h
参照样品 测试样品-1600h	参照样品 测试样品-1800h



SGS-CSTC 检测技术有限公司 广州分公司
Guangzhou Branch Testing Services & Reliability Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com



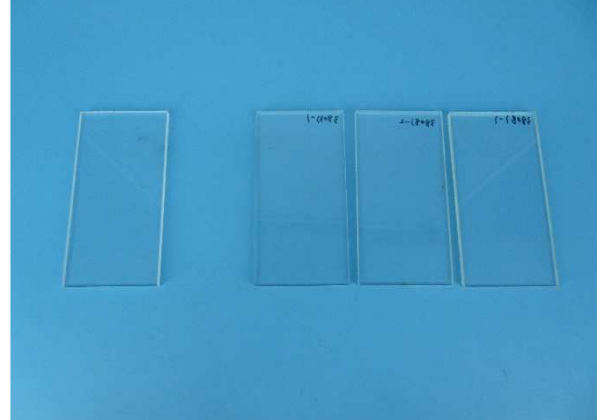

□ No.198, Kezhu Road, Science City Economic & Technology Development Area, Guangzhou, Guangdong, China □ Room 101, Building 3, No.1501, Kaichuang Avenue, Huangpu District, Guangzhou, China t(86-20) 8215555 www.sgs.com.cn
中国·广东·广州高新技术产业开发区科学城珠路198号 中国·广东·广州市黄埔区开创大道1501号3栋101房 t(86-20) 8215555 sgs.china@sgs.com

检测报告

编号 : GZMR221203808324

日期 : 2023-04-13

页码 : 6 of 7

	
参照样品 测试样品-2000h	参照样品 测试样品-2200h
	
参照样品 测试样品-2400h	参照样品 测试样品-2600h



SGS-CSTC 检验检测有限公司
Guangzhou Branch Testing Services & Reliability Laboratory

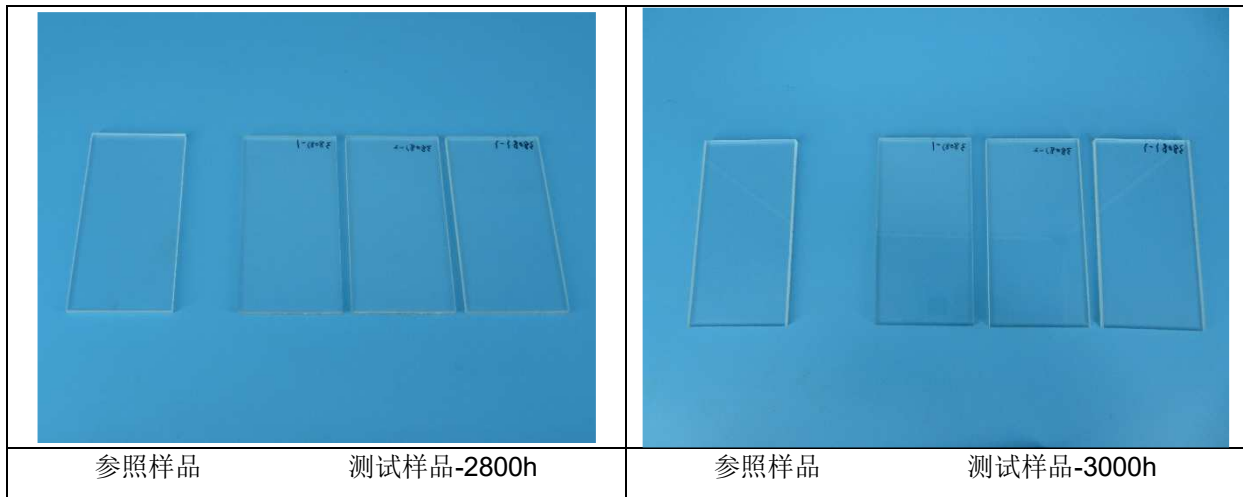
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

□ No.198, Kezhu Road, Science City Economic & Technology Development Area, Guangzhou, Guangdong, China □ Room 101, Building 3, No.1501, Kaichuang Avenue, Huangpu District, Guangzhou, China t(86-20) 8215555 www.ssgroup.com.cn
中国·广东·广州高新技术产业开发区科学城科珠路198号 中国·广东·广州市黄埔区开创大道1501号3栋101房 t(86-20) 8215555 sgs.china@sgs.com

检测报告

编号 : GZMR221203808324
日期 : 2023-04-13
页码 : 7 of 7



设备信息:

设备 installations	型号 model	设备编号 Device number	校准日期 calibration date	下次校准日期
氙弧灯日晒老化机 Xenon arc lamp solar aging machine	Ci5000	GZMR-AG-E208	2022-11-16	2023-11-15
标准光源灯箱 Standard light source light box	CAC 120-5	GZMR-AG-E287	2022-07-20	2023-07-19

附录信息:

在中华人民共和国境内, 报告若未加盖 CMA 章, 表示本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。

***** 报告结束*****



SGS-CSTC 检测技术有限公司 广州分公司
Guangzhou Branch Testing Services & Reliability Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
□ No.198, Kaifu Road, Science City Economic & Technology Development Area, Guangzhou, Guangdong, China □ Room 101, Building 3, No.1501, Kaichuang Avenue, Huangpu District, Guangzhou, China t(86-20) 8215555 www.ssgroup.com.cn
中国·广东·广州高新技术产业开发区科学城科珠路198号 中国·广东·广州市黄埔区开创大道1501号3栋101房 t(86-20) 8215555 sgs.china@sgs.com