

检测报告

报告号: AJFS1905004905FF_CN 日期: 2019年6月13日 第1页共6页

福建綦塑光电科技有限公司

福建省龙岩市武平县工业园区 D02

此报告是报告号为 AJFS1905004905FF 的中文译本, 如中英文有差异, 概以英文为准。

以下测试样品为客户提供并确认, SGS 不对这些数据和信息的真实性、完整性以及由此引发的结果和/或结论的有效性负责。检测结果适用于收到的样品。

样品描述: 聚碳酸酯实心板**SGS 参考号:** IN-SH-CP-5627-19093**规格:** YEESEO@GP**型号/货号:** /**测试要求:**

EN 13501-1:2007+A1:2009 建筑材料和构件 第1部分 用对火反应试验数据的分级, B 级

测试结果: -- 参见数据附表 --**测试持续时间**

样品收到日期 : 2019年5月28日

测试执行时间 : 2019年5月28日至2019年6月06日

通标标准技术服务有限公司安吉分公司

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邹石龙

实验室经理



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I. 测试方法

试验根据 EN 13501-1:2007+A1:2009“建筑材料和构件火灾分类 第1部分 用对火反应试验数据的分级”进行, 测试方法如下:

1. EN 13823:2010+A1:2014 建筑制品对火反应---不含铺地材料的建筑制品单项燃烧试验方法.
2. EN ISO 11925-2:2010+Cor1:2011 对火反应试验 建筑制品在直接火焰冲击下的可燃性 第2部分: 单个火源试验

II. 样品描述

a) 样品一般描述及最终应用

样品“聚碳酸酯实心板”被定义为装饰材料, 其最终应用于室内墙面, 作吸声装饰用途。

b) 描述

除特定说明外, 以下信息由申请人提供。

描述	聚碳酸酯实心板
颜色	透明
厚度	约 3mm

试样安装与固定:

采用密度约为1800kg/m³, 厚度约为9mm的纤维水泥板作为基材。样品机械固定于基材上。无缝隙。

III. 测试结果

测试方法	参数	测试次数	结果
EN 13823	FIGRA _{0.2MJ} (W/s)	3	19.4
	FIGRA _{0.4MJ} (W/s)		19.4
	LFS < 试样边缘		是
	THR _{600s} (MJ)		2.1
	SMOGR (m ² /s ²)		6.2
	TSP _{600s} (m ²)		63.8
	燃烧滴落物及碎片		否
EN ISO 11925-2 施火时间 = 30 s	F _s ≤ 150 mm	6	是
	是否点燃滤纸		否

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IV. 分级及依据

根据 EN 13501-1:2007+A1:2009 对样品进行分级。

a) 分级

所提供样品, 聚碳酸酯实心板, 分级如下,

防火等级		烟气等级			滴落等级	
B	—	s	2	,	d	0

燃烧性能等级: B—s2, d0

备注: 级别对应燃烧性能要求在附录A给出。

b) 应用领域

本测试分级对于在下述最终应用条件下最有效的:

- 基材防火等级达到A1或A2
- 机械固定
- 无接缝

本测试分级对于制品的下列参数有效

- 样品材料特性符合报告中第§II b)部分的描述。

备注:

此符合性声明仅基于本次实验室活动的实际值, 未将本次实验室活动的结果不确定度影响计入。

在特定的试验条件下, 试验结果与试样的性能有关; 试验结果不能作为评估制品在实际使用条件下潜在火灾危险性的唯一依据。

声明:

本测试报告不能作为制品的型式检验和认证。

实验室未曾参与产品的取样, 所测样品为厂家选送。

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附录 A

建筑材料及制品(铺地材料除外)燃烧性能分级

等级	试验标准	分级判据	附加分级
A1	EN ISO 1182 ^a 且	$\Delta T \leq 30^\circ\text{C}$, 且 $\Delta m \leq 50\%$, 且 $t_f = 0$ (无持续燃烧)	-
	EN ISO 1716	$PCS \leq 2.0\text{MJ/kg}$ ^a 且 $PCS \leq 2.0\text{MJ/kg}$ ^{b c} 且 $PCS \leq 1.4\text{MJ/m}^2$ ^d 且 $PCS \leq 2.0\text{MJ/kg}$ ^e	-
A2	EN ISO 1182 ^a 或	且 $\Delta T \leq 50^\circ\text{C}$, 且 $\Delta m \leq 50\%$, 且 $t_f \leq 20\text{ s}$	-
	EN ISO 1716		-
	EN 13823 且	$FIGRA \leq 120\text{W/s}$ 且 $LFS <$ 试样边缘 且 $THR_{600s} \leq 7.5\text{MJ}$	产烟量 ^f 且 燃烧滴落物/微粒 ^g
B	EN 13823 且	$FIGRA \leq 120\text{W/s}$ 且 $LFS <$ 试样边缘 且 $THR_{600s} \leq 7.5\text{MJ}$	产烟量 ^f 且 燃烧滴落物/微粒 ^g
	EN ISO 11925-2 ⁱ 点火时间=30s 且	60s内 $F_s \leq 150\text{mm}$	
C	EN 13823 且	$FIGRA \leq 250\text{W/s}$ 且 $LFS <$ 试样边缘 且 $THR_{600s} \leq 15\text{MJ}$	产烟量 ^f 且 燃烧滴落物/微粒 ^g
	EN ISO 11925-2 ⁱ 点火时间=30s 且	60s内 $F_s \leq 150\text{mm}$	
D	EN 13823 且	$FIGRA \leq 750\text{W/s}$	产烟量 ^f 且 燃烧滴落物/微粒 ^g
	EN ISO 11925-2 ⁱ 点火时间=30s	60s内 $F_s \leq 150\text{mm}$	
E	EN ISO 11925-2 ⁱ 点火时间=15s	20s内 $F_s \leq 150\text{mm}$	燃烧滴落物/微粒 ^h

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F	无性能要求
<p>a: 匀质制品和非匀质制品的主要组份;</p> <p>b: 非匀质制品的外部次要组份;</p> <p>c: 另一个可选择的判据是: 对 $PCS \leq 2.0 \text{MJ/m}^2$ 的外部次要组份, 则要求满足 $FIGRA \leq 20 \text{W/s}$、$LFS <$ 试样边缘、$THR_{600s} \leq 4.0 \text{MJ}$、s1 和 d0;</p> <p>d: 非匀质制品的任一内部次要组份;</p> <p>e: 整体制品;</p> <p>f: 在试验程序的最后阶段, 需对烟气测量系统进行调整, 烟气测量系统的影响需进一步研究。由此导致评价产烟量的参数或极限值的调整。</p> <p>s1=$SMOGRA \leq 30 \text{m}^2/\text{s}^2$ 且 $TSP_{600s} \leq 50 \text{m}^2$; s2=$SMOGRA \leq 180 \text{m}^2/\text{s}^2$ 且 $TSP_{600s} \leq 200 \text{m}^2$; s3=未达到 s1 或 s2;</p> <p>g: d0=按 EN 13823 规定, 600s 内无燃烧滴落物/微粒; d1=按 EN 13823 规定, 600s 内燃烧滴落物/微粒持续时间不超过 10s; d2=未达到 d0 或 d1; 按照 EN ISO 11925-2 规定, 过滤纸被引燃, 则该制品为 d2 级;</p> <p>h: 通过=过滤纸未被引燃; 未通过=过滤纸被引燃 (d2 级);</p> <p>i: 火焰轰击制品的表面和 (如果适合该制品的最终应用) 边缘。</p>	

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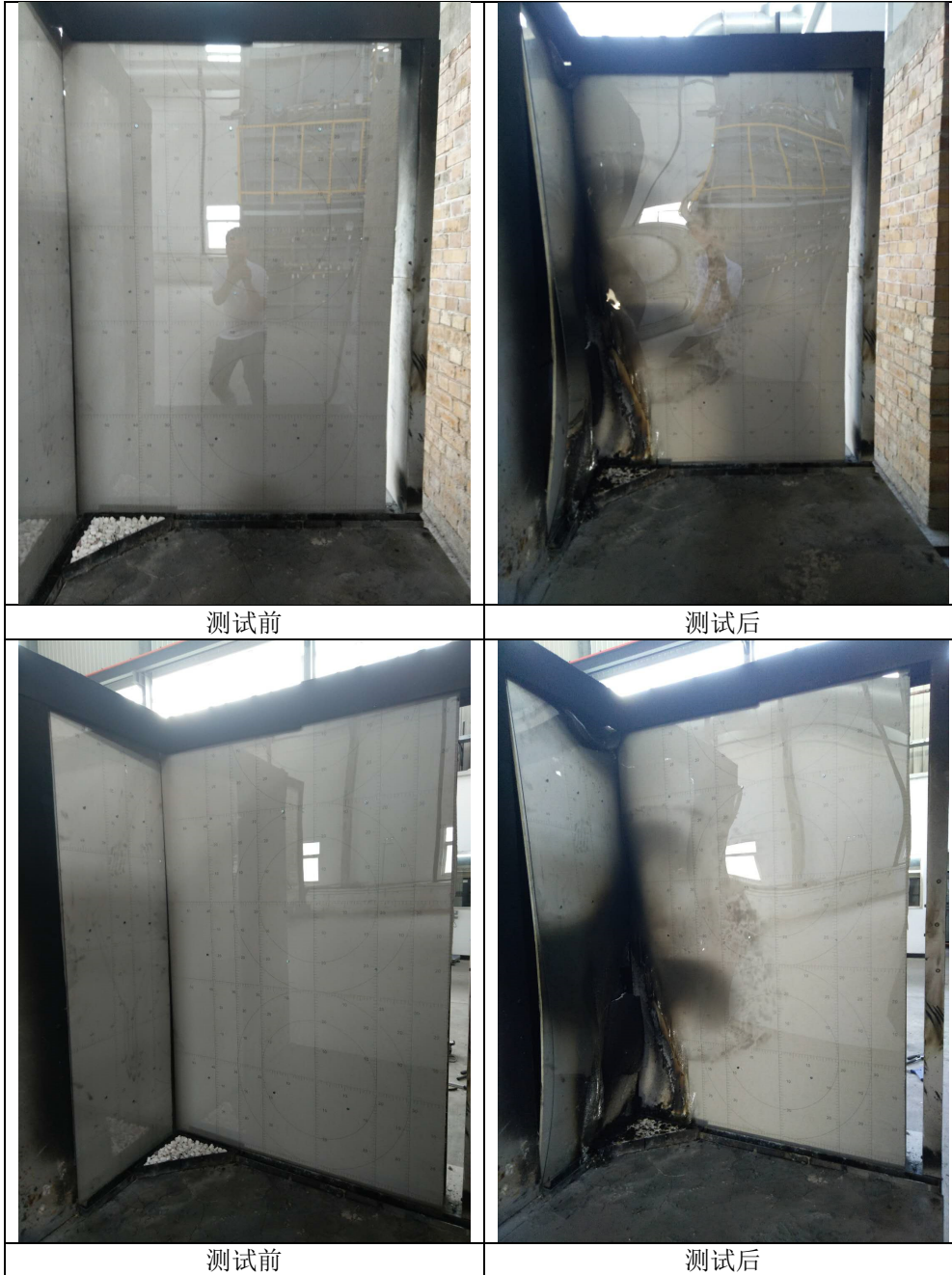


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