

## 检测报告

编号 : GZMR230601805401\_CN

日期 : 2023-07-12

页码 : 1 of 7



客户名称: 东莞新长桥塑料有限公司、天津新龙桥工程塑料有限公司、宁波新桥化工有限公司  
客户地址: 广东省东莞市沙田镇港口工业区、天津市塘沽区临港经济区渤海十二路 1126 号、  
浙江省宁波市北仑区金鸡山路 98 号

样品名称 : 可发性聚苯乙烯 F/FM/FG 料

生产商 : 龙王牌

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 : MNS230795GZ

收样日期 : 2023-06-29

测试开始时间 : 2023-06-29

测试结束时间 : 2023-07-12

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)

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李叶娇

授权签字人



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结果总结:

序号	测试项目	测试方法	结果	结论
1	氧指数	GB/T 2406.1-2008 & GB/T 2406.2-2009	31.0%	/
2	水平燃烧	UL 94-2023 第 12 节	HF-1	/

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

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### 1. 测试项目: 氧指数

样品描述: 泡沫

测试方法: GB/T 2406.1-2008 & GB/T 2406.2-2009

测试条件:

试样: II型

试样厚度: 10.04mm

点燃方法: 方法 A

实验室环境条件: (23±2)°C, (50±5)%RH

测试结果:

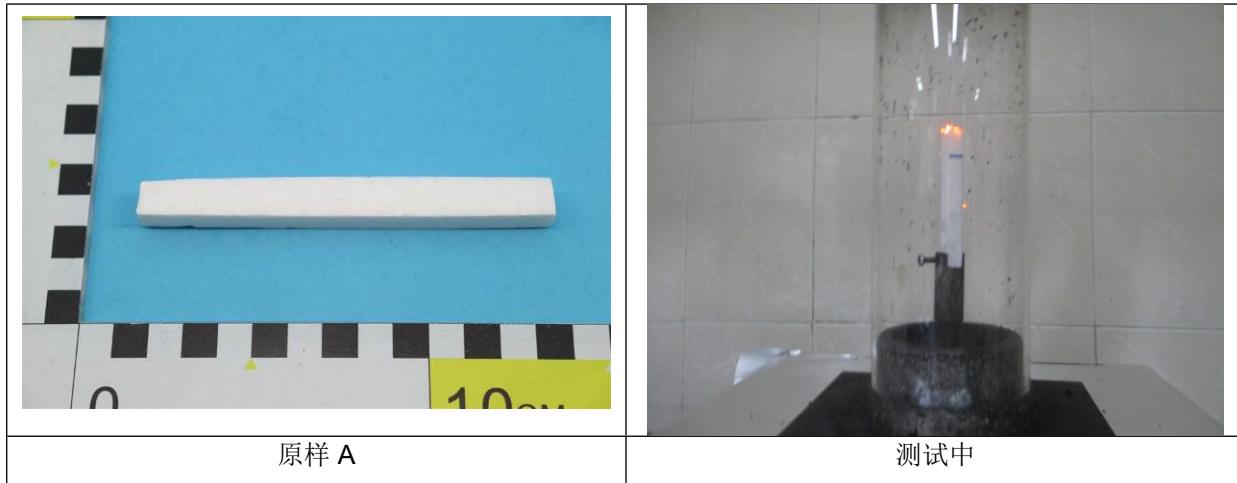
测试项目	测试结果
氧指数	31.0%

备注:

1. 燃烧现象: 烧焦, 严重的收缩。

2. 测试试样从样品中裁取。

测试照片:



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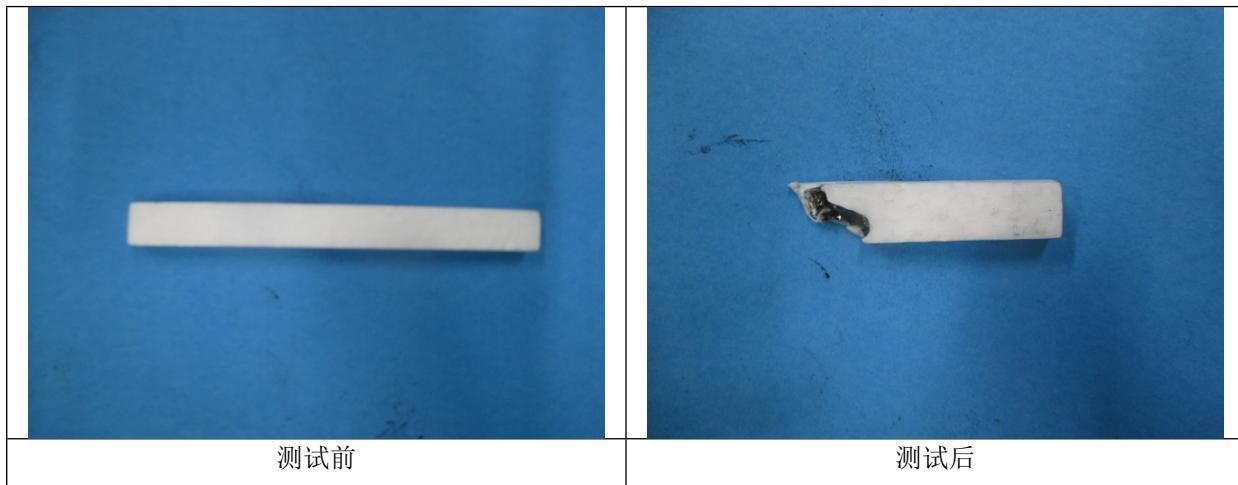
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### 设备信息:

设备	型号	设备编号	校准日期	下次校准日期
FTT 氧指数仪	Oxygen Index	GZMR-PL-E108	2023-07-04	2024-01-03
FTT 氧指数仪	Oxygen Index	GZMR-PL-E108	2023-01-09	2023-07-08

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2. 测试项目: 水平燃烧

样品描述: 泡沫

测试方法: UL 94-2023 第 12 节

测试条件:

试样: 151mm×51mm×7.1mm

测试结果:

处理条件	常态: (23±2)°C, (50±5)%RH, 48h					老化: (70±2)°C, 168h→ 干燥器, (23±2)°C, 4h				
	1	2	3	4	5	1	2	3	4	5
试样	0	0	0	0	0	0	0	0	0	0
余焰时间 (s), $t_1$	0	0	0	0	0	0	0	0	0	0
余辉时间 (s), $t_2$	0	0	0	0	0	0	0	0	0	0
单个试样余焰时间加余辉时间(s), $t_1+t_2$	0	0	0	0	0	0	0	0	0	0
试样烧毁长度是否超过 60 mm 标线	否	否	否	否	否	否	否	否	否	否
试样燃烧滴落物是否引燃脱脂棉	否	否	否	否	否	否	否	否	否	否
试样烧毁长度是否超过 125 mm 标线	否	否	否	否	否	否	否	否	否	否
25 mm 标线开始的燃烧距离, mm	/	/	/	/	/	/	/	/	/	/
25 mm 标线开始的燃烧时间, s	/	/	/	/	/	/	/	/	/	/
燃烧速率, mm/min	/	/	/	/	/	/	/	/	/	/

等级: HF-1 (见表1和2)

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表 1

判定条件	HF-1	HF-2
余焰时间 ( $t_1$ )	4/5 是 $\leq 2s$ 1/5 是 $\leq 10s$	4/5 是 $\leq 2s$ 1/5 是 $\leq 10s$
单个试样余焰时间加余辉时间 ( $t_1+t_2$ )	$\leq 30s$	$\leq 30s$
燃烧颗粒或滴落物是否引燃脱脂棉	否	是
单个试样的烧毁长度	$< 60mm$	$< 60mm$

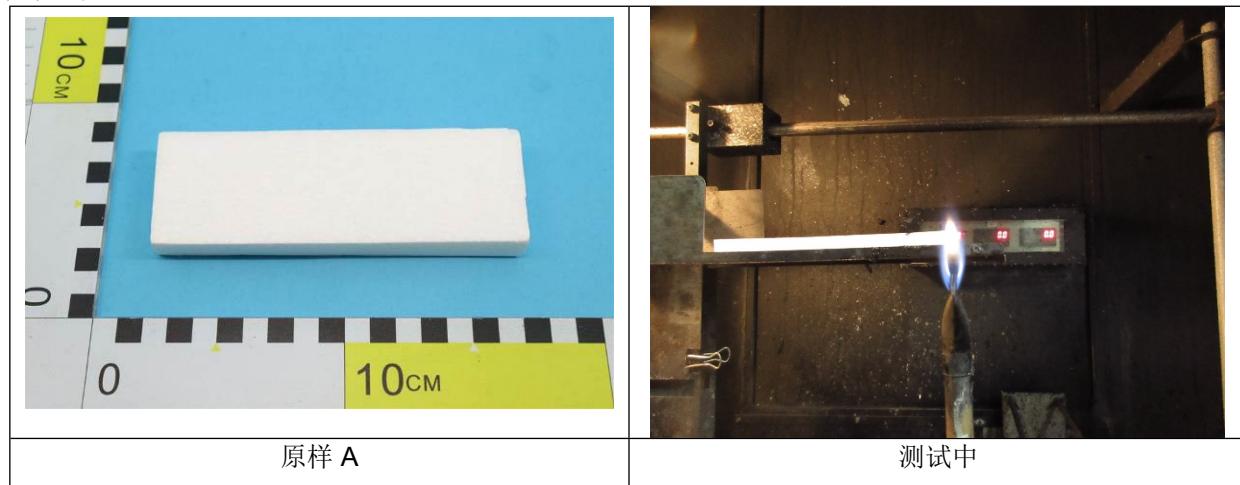
备注: 4/5-5 个试样中有 4 个试样。  
 1/5-5 个试样中有 1 个试样。

表 2

HBF 等级要求	a) 任何试样在 100mm 标距内的燃烧速率不超过 40mm/min, 或 b) 每个试样的余焰或余辉在 125mm 标线前停止燃烧。
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备注: 火焰在 25mm 标线前熄灭。

测试照片:

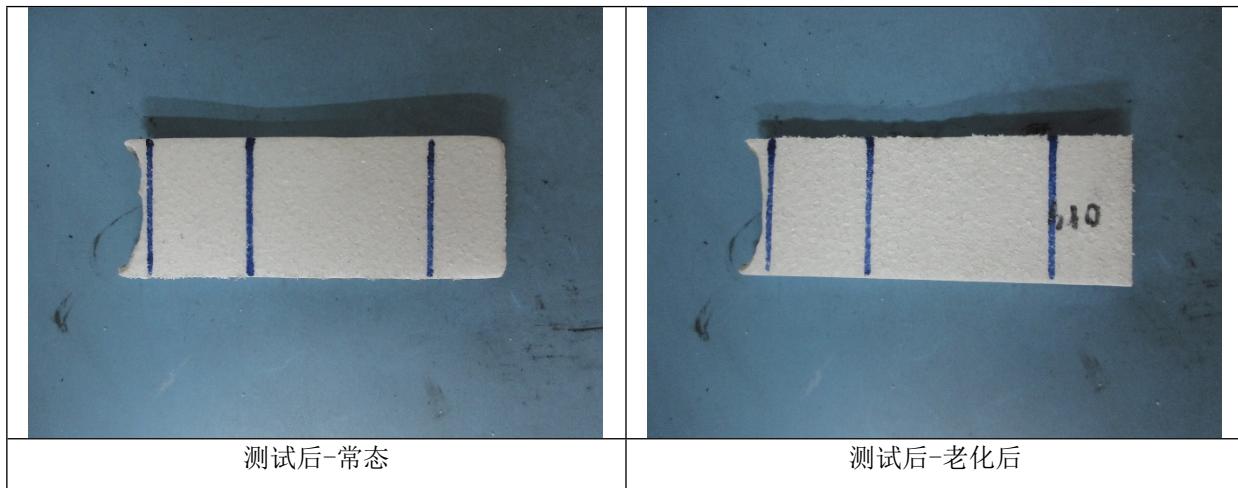


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### 设备信息:

设备	型号	设备编号	校准日期	下次校准日期
水平垂直燃烧仪	HVUL2	GZMR-PL-E297	2023-04-20	2024-04-19
电热鼓风烘箱	UF750	GZMR-AG-E181	2022-09-14	2023-09-13

### 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。
- 本测试报告内容是报告编号为 GZMR230601805401 的中文版本。中英文版本如有歧义, 概以英文版为准。

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