

## 测试报告

编号 : SUIN2007004952PS\_CN

日期 : 2020-07-20

页码 : 1 of 7

扫码查看在线报告



SUIN2007004952PS

客户名称: 无锡兴达泡塑新材料股份有限公司  
客户地址: 无锡市锡山区东港镇锡港南路 888 号

样品名称 : 非六溴阻燃料

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。

\*\*\*\*\*

收样日期 : 2020-07-09  
测试开始时间 : 2020-07-09  
测试结束时间 : 2020-07-20  
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苏州分公司

授权签名

李秀丽

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](mailto:CN.Doccheck@sgs.com)  
Building 12, New Industry Square, No.78 Xinglin Street, SIP, Suzhou, China. 215021 t (86-512) 62988200 f (86-512) 62988212 www.sgs.com.cn  
中国·苏州·工业园区杏林街78号新兴产业工业坊12号厂房 邮编: 215021 t (86-512) 62988200 f (86-512) 62988212 e [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

## 测试报告

编号 : SUIN2007004952PS\_CN

日期 : 2020-07-20

页码 : 2 of 7

结果总结:

序号	测试项目	测试方法	结果	结论
1	水平燃烧	GB/T 2408-2008 方法 A	HB	/
2	氧指数	GB/T 2406.1-2008 & GB/T 2406.2-2009	33.3%	/

备注: 合格: 达到要求  
 不合格: 未达到要求  
 /: 不下判定



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](mailto:CN.Doccheck@sgs.com)  
 Building 12, New Industry Square, No.78 Xinglin Street, SIP, Suzhou, China. 215021 t (86-512) 62988200 f (86-512) 62988212 www.sgs.com.cn  
 中国·苏州·工业园区杏林街78号新兴产业工业坊12号厂房 邮编: 215021 t (86-512) 62988200 f (86-512) 62988212 e [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

## 测试报告

编号 : SUIN2007004952PS\_CN

日期 : 2020-07-20

页码 : 3 of 7

1.测试项目: 水平燃烧

样品描述: 泡沫

测试方法: GB/T 2408-2008 方法 A

测试条件:

试样: 125 mm×13.3 mm×11.0 mm

处理条件: 23 ± 2 °C, 50 ± 5 %RH, 24 h

测试结果:

试样	1	2	3
燃烧距离, mm	/	/	/
燃烧时间, s	/	/	/
燃烧速率, mm/min	0	0	0
平均燃烧速率, mm/min	0		

等级: HB (见表 1)



## 测试报告

编号 : SUIN2007004952PS\_CN

日期 : 2020-07-20

页码 : 4 of 7

表 1

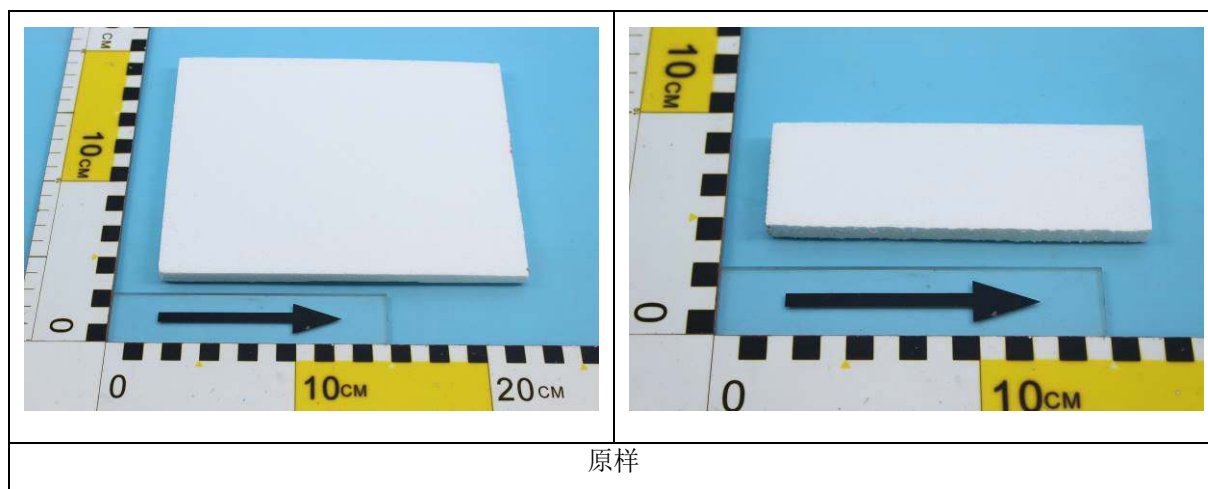
等级	判据
HB	<p>a) 移去引燃源后, 材料没有可见的有焰燃烧;</p> <p>b) 在引燃源移去后, 试样出现连续的有焰燃烧, 但火焰前端未超过 100 mm 标线;</p> <p>c) 如果火焰前端超过 100 mm 标线, 但厚度 3.0 mm~13.0 mm、其线性燃烧速率未超过 40 mm/min, 或厚度低于 3.0 mm 时未超过 75 mm/min;</p> <p>d) 如果试验的厚度为 3.0 mm ± 0.2 mm 的试样, 其线性燃烧速率未超过 40 mm/min, 那么降至 1.5 mm 最小厚度时, 就应自动地接受为该级。</p>
HB40	<p>a) 移去引燃源后, 没有可见的有焰燃烧;</p> <p>b) 移去引燃源后, 试样持续有焰燃烧, 但火焰前端未达到 100 mm 标线;</p> <p>c) 如果火焰前端超过 100 mm 标线, 线性燃烧速率不超过 40 mm/min。</p>
HB75	如果火焰前端超过 100 mm 标线, 线性燃烧速率不应超过 75 mm/min。

备注:

1.火焰在移开引燃源后熄灭。

2.测试试样从样品中截取。

测试照片:



原样



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](mailto:CN.Doccheck@sgs.com)

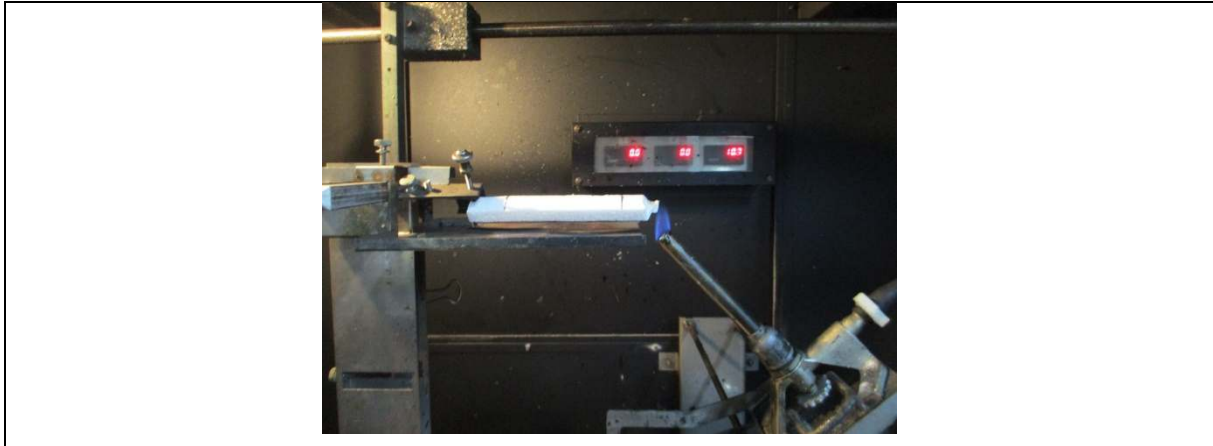
Building 12, New Industry Square, No.78 Xinglin Street, SIP, Suzhou, China. 215021 t (86-512) 62988200 f (86-512) 62988212 www.sgs.com.cn  
 中国·苏州·工业园区杏林街78号新兴产业工业坊12号厂房 邮编: 215021 t (86-512) 62988200 f (86-512) 62988212 e [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

## 测试报告

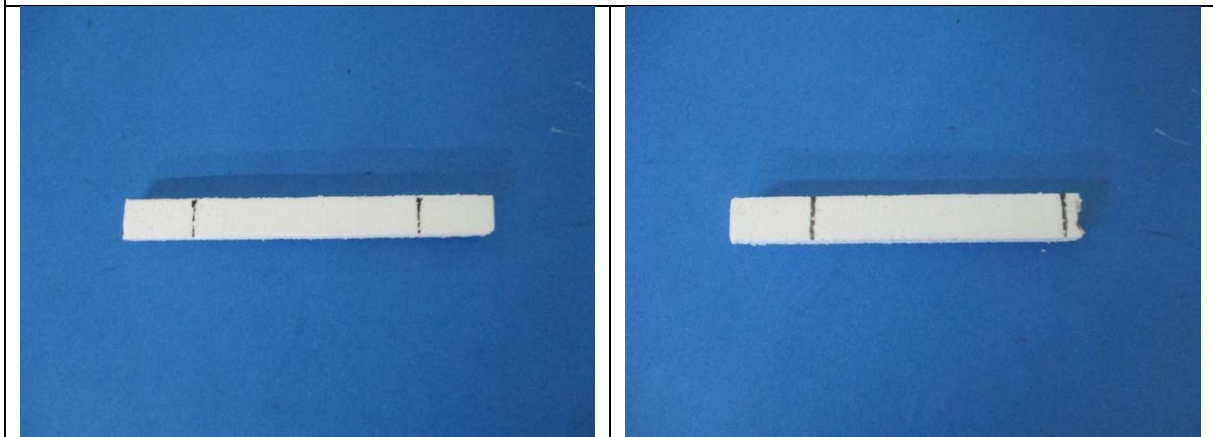
编号 : SUIN2007004952PS\_CN

日期 : 2020-07-20

页码 : 5 of 7



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
水平垂直燃烧仪	HVUL2	GZMR-PL-E297	2020-07-01	2021-07-15



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](mailto:CN.Doccheck@sgs.com)

Building 12, New Industry Square, No.78 Xinglin Street, SIP, Suzhou, China. 215021 t (86-512) 62988200 f (86-512) 62988212 www.sgs.com.cn  
 中国·苏州·工业园区杏林街78号新兴产业工业坊12号厂房 邮编: 215021 t (86-512) 62988200 f (86-512) 62988212 e [sgs.china@sgs.com](mailto:sgs.china@sgs.com)



## 测试报告

编号 : SUIN2007004952PS\_CN

日期 : 2020-07-20

页码 : 6 of 7

2.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: 10.7mm

点燃方法: 方法 A

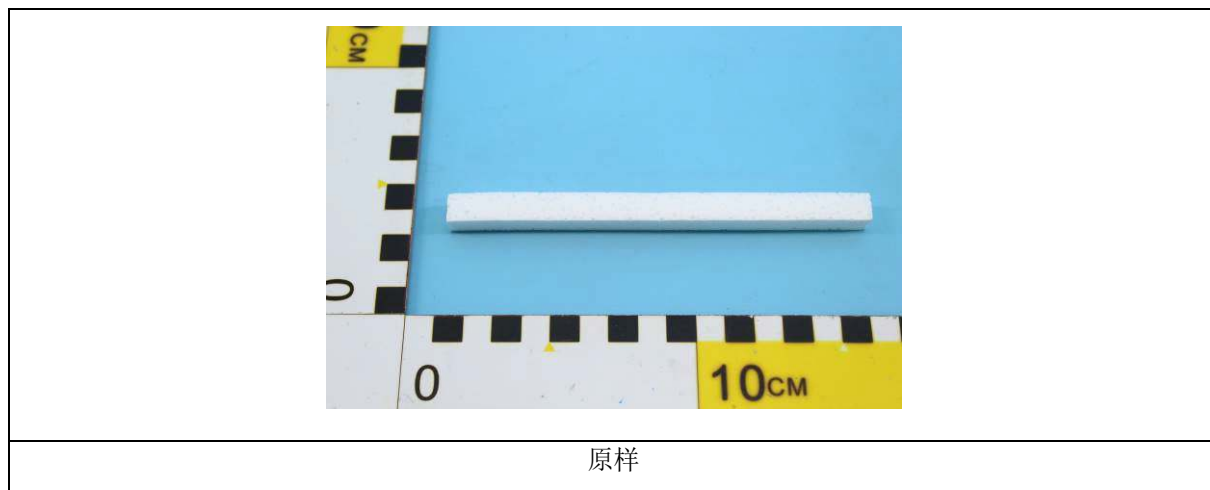
实验室环境条件: (23±2)°C, (50±5)%RH

测试结果:

测试项目	测试结果
氧指数	33.3%

备注: 燃烧现象: 严重的收缩。

测试照片:

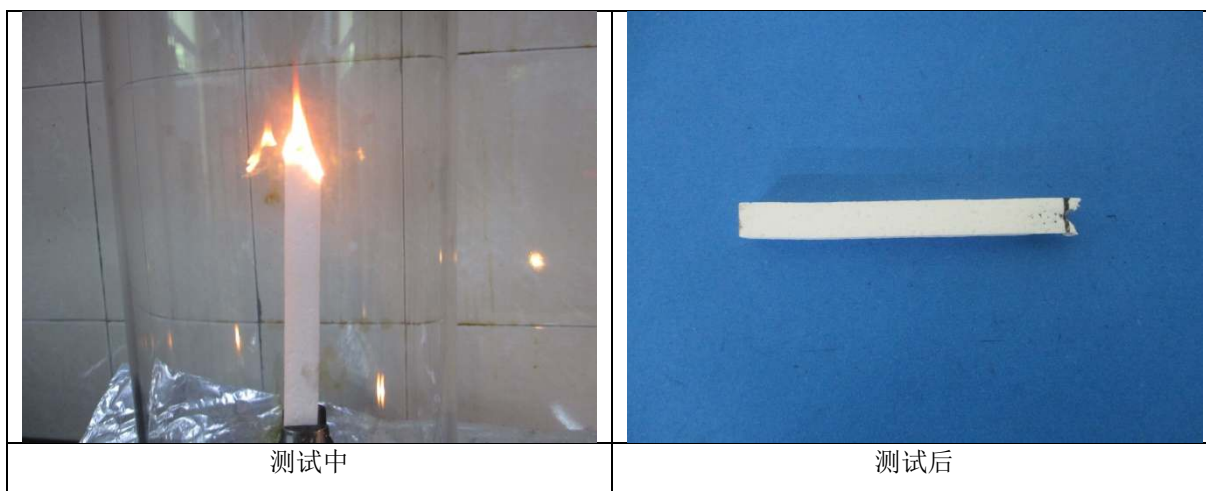


## 测试报告

编号 : SUIN2007004952PS\_CN

日期 : 2020-07-20

页码 : 7 of 7



### 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	2020-04-22	2020-10-21

- 该测试由 SGS 内部其他实验室执行。
- 该检测报告由 SGS 通标标准技术服务有限公司苏州分公司发布。
- 该检测报告为由 SGS 通标标准技术服务有限公司苏州分公司发布的原检测报告 编号: SUIN2007004952PS\_CN 日期: 2020-07-20 译本, 如中英文有差异, 概以英文为准。
- 检测方法部分/全部不在 CMA 资质认定范围内, 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\*\*\*\*\*



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](mailto:CN.Doccheck@sgs.com)

Building 12, New Industry Square, No.78 Xinglin Street, SIP, Suzhou, China. 215021 t (86-512) 62988200 f (86-512) 62988212 www.sgs.com.cn  
 中国·苏州·工业园区杏林街78号新兴产业工业坊12号厂房 邮编: 215021 t (86-512) 62988200 f (86-512) 62988212 e [sgs.china@sgs.com](mailto:sgs.china@sgs.com)