

## 检测报告

编号: SDHL1711025200FB-01\_CN 日期: 2017-12-12 页码: 第 1 页共 3 页

东和林环保科技股份有限公司  
台北市中山区林森北路 380 号 703 室

下列样品由客户提供及确认:

样品描述 : EL-R  
SGS 参考编号 : GZIN1711056375PC  
产品规格 : 5MM  
生产商 : 东和林环保科技股份有限公司  
收样日期 : 2017-11-23  
测试日期 : 2017-11-23 至 2017-12-04

### 测试项目

测试要求	结果
DIN 4102-1:1998-05	样品满足等级 B1 要求
<b>概要:</b>	
1 详细测试结果请看附页	

EAST LINKS  
GREEN TECH

通标标准技术服务有限公司  
顺德分公司  
授权代表签署

潘进雄  
批准签署人

此报告结果仅对测试样品负责。



SGS-CSTC 通标标准技术服务有限公司  
Shunde Branch Harbin

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

1F, 1<sup>st</sup> Building, European Industrial Park, No.1 Shunhe South Road, Wusha Section, Daliang Town, Shunde, Foshan, Guangdong, China 528333 t (86-757)22805888 f (86-757)22805858 www.sgs.com.cn  
中国·广东·佛山市顺德区大良街道办事处五沙顺和南路1号欧洲工业园一号厂房首层 邮编: 528333 t (86-757)22805888 f (86-757)22805858 e sgs.china@sgs.com

测试和结果

**测试依据:**

测试依据 DIN 4102-1:1998-05 条款 6 等级 B 铺地材料。

**前处理:**

温度: (23±2)°C; 相对湿度: (50±5)%; 持续时间: 1 周;

备注: 测试前, 试样在温度为 23±2°C 和湿度为 50±5% 的环境中处理至质量平衡。

**测试要求:**

- 铺地材料满足 B1 等级需通过
- DIN 4102-14 测试和
- B2 等级测试要求

DIN 4102-14 防火试验中, 三个试样的平均值 I, 需大于或等于 0.45 W/cm<sup>2</sup>, 三个试样分别在试验 30 分钟后所得平均值的光吸收率需小于或等于 750% · min.

**测试结果:**

1. DIN 4102-1 B2 测试结果

参数	结果									
	底部点燃					表面点燃				
	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10
明火是否产生	是	是	是	是	是	是	是	是	是	是
燃烧熄灭时间 (s)	>60	>60	>60	>60	>60	>60	>60	>60	>60	>60
火焰前端是否到达150毫米标线/40,190毫米标线	是	是	是	是	是	是	是	是	是	是
火焰前端到达 150 毫米标线 /40,190 毫米标线的时间 (s)	>50	>50	>50	>50	>50	>50	>50	>50	>50	>50
滤纸是否点燃	否	否	否	否	否	否	否	否	否	否
观察到的物理行为	产生明显黑烟					产生明显黑烟				

**等级B2要求:**

底部点燃和表面点燃时, 5 个试样任意一个点燃后火焰不能在 20s 内燃烧到标记线。

**结果:** 符合



### 2.附加 DIN4102-14 测试结果

#### 安装准备:

水泥纤维板密度约 1800kg/m<sup>3</sup>, 厚度约 8mm 作为基材。  
样品机械固定到基材上。

样品序号	火焰传播最远距离 (cm)	临界热通量 W/cm <sup>2</sup>	产烟量烟气总值 (% · min.)	现象观察
1	43	0.49	463.2	炭化
2	40	0.54	433.6	炭化
3	41	0.52	431.4	炭化
临界热通量平均值 I= 0.52 W/cm <sup>2</sup>				
试验 30 分钟后所得产烟量烟气总值的平均值: 442.7% · min.				

结果: 符合

#### 结论:

测试样品符合 DIN 4102-1:1998-05. 条款 6 铺地材料等级 B1 要求。

#### 样品信息和图片

样品面密度: 约 4.66kg/m<sup>2</sup>  
样品厚度: 约 5mm



EAST LINKS  
GREEN TECH

#### 备注:

- 1.本报告是编号为 SDHL1711025200FB-01.英文检测报告的中文译本, 如有歧义, 以英文版本为准。
- 2.此报告取代 2017-12-04 出具的编号为 SDHL1711025200FB\_CN 的报告。原纸质报告和电子报告作废。

\*\*\*报告结束\*\*\*



SGS-CSTC 检验检测技术有限公司  
Shunde Branch Harbin

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

1F, 1 Building European Industrial Park, No. 1 Shunde South Road, Wusha Section, Daifeng Town, Shunde, Foshan, Guangdong, China 528333 t (86-757)22805888 f (86-757)22805858 www.sgs.com.cn  
中国·广东·佛山市顺德区大良街道办事处五沙顺和南路1号欧洲工业园一号厂房首层 邮编: 528333 t (86-757)22805888 f (86-757)22805858 e sgs.china@sgs.com