

安吉艺科装饰材料科技有限公司

浙江省湖州市安吉县塘浦工业园区竹艺路

本报告取代发布日期为 **2014年8月12日** 编号为 **AJD201406302** 的检测报告。

此报告是报告号为 **AJD201406301-1** 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:

**样品描述:** PVC 编织地毯

**货号:** ECO

**供应商:** 安吉艺科装饰材料科技有限公司

**生产厂商:** 安吉艺科装饰材料科技有限公司

**原产国:** 中国

### 测试要求:

EN13501-1:2007+A1:2009 建筑材料和构件火灾分类第一部分用对火反应试验数据的分级, **B<sub>fl</sub>** 级

**测试结果:** -- 参见数据附表 --

### 测试持续时间

样品收到日期 : 2014年7月25日

测试执行时间 : 2014年7月25日至2014年8月11日

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邹石龙  
技术经理

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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 第一部分 用对火反应试验数据的分级 进行。测试方法根据以下:

1. EN ISO 9239-1:2010 铺地材料的燃烧性能测定 辐射热源法
2. EN ISO 11925-2:2010 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

#### 描述

面密度	3.3kg/m <sup>2</sup>
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#### 样品装夹:

纤维水泥板, 密度约1800kg/m<sup>3</sup>, 厚度约6毫米, 作为基材。样品机械无空隙地固定于基材上。

#### 测试结果

测试方法	参数	测试次数	结果
EN ISO 9239-1	辐射通量(kW/m <sup>2</sup> )	3	9.35
	烟密度积分(%×分)		207.6
EN ISO 11925-2 施火时间15秒	火焰传播距离是否小于150mm	6	是

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### IV. 分级及应用领域

分级根据 **EN 13501-1:2007+A1:2009**

#### a) 防火级别

这个样品, PVC 编织地毯, 分级结果如下:

防火级别		烟密度	
B <sub>fl</sub>	—	s	1

**燃烧性能等级: B<sub>fl</sub>—S1**

备注: 分级参数表见附录A

#### b) 应用领域

样品分级在下面情况应用是有效的:

- 基材的防火性能达到**A1**或**A2**
- 采用机械方式固定

分级是有效的对于符合以下参数的产品:

- 样品颜色及材料特性符合报告中第II部分的描述

**陈述:** 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

#### 警告:

此报告只对本次样品负责, 不能作为该类产品的分级证明。

实验室未曾参与产品的取样, 所测样品为厂家选送, 但是为了相关送测样品可以被追溯, 实验室对厂家制样提供了相关的指导。

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### 附录 A

#### 铺地材料燃烧性能分级

分级	试验标准		分级判据	附加分级
A1 <sub>fl</sub>	EN ISO 1182 <sup>a</sup>	和	$\Delta T \leq 30^\circ\text{C}$ , 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 $PCS \leq 2.0\text{MJ/kg}^b$ 且 $PCS \leq 1.4\text{MJ/m}^2c$ 且 $PCS \leq 2.0\text{MJ/kg}^d$	-
A2 <sub>fl</sub>	EN ISO 1182 <sup>a</sup> or	和	$\Delta T \leq 50^\circ\text{C}$ , 且 $\Delta m \leq 50\%$ , 且 $t_f \leq 20\text{ s}$	-
	EN ISO 1716		$PCS \leq 3.0\text{MJ/kg}^a$ 且 $PCS \leq 4.0\text{MJ/m}^2b$ 且 $PCS \leq 4.0\text{MJ/m}^2c$ 且 $PCS \leq 3.0\text{MJ/kg}^d$	-
	EN ISO 9239-1 <sup>e</sup>		临界辐射热通量 $CHF^f \geq 8.0\text{ kW/m}^2$	产烟量 <sup>g</sup>
B <sub>fl</sub>	EN ISO 9239-1 <sup>e</sup>	和	临界辐射热通量 $CHF^f \geq 8.0\text{ kW/m}^2$	产烟量 <sup>g</sup>
	EN ISO 11925-2 <sup>h</sup> 点火时间=15s		20s 内 $F_s \leq 150\text{mm}$	-
C <sub>fl</sub>	EN ISO 9239-1 <sup>e</sup>	和	临界辐射热通量 $CHF^f \geq 4.5\text{ kW/m}^2$	产烟量 <sup>g</sup>
	EN ISO 11925-2 <sup>h</sup> 点火时间=15s		20 s 内 $F_s \leq 150\text{mm}$	-
D <sub>fl</sub>	EN ISO 9239-1 <sup>e</sup>	和	临界辐射热通量 $CHF^f \geq 3.0\text{ kW/m}^2$	产烟量 <sup>g</sup>
	EN ISO 11925-2 <sup>h</sup> 点火时间=15s		20 s 内 $F_s \leq 150\text{mm}$	-
E <sub>fl</sub>	EN ISO 11925-2 <sup>h</sup> 点火时间=15s		20 s 内 $F_s \leq 150\text{mm}$	-
F <sub>fl</sub>	无性能要求			

a: 匀质制品和非匀质制品的主要组份;  
b: 非匀质制品的外部次要组份;  
c: 非匀质制品的任一内部次要组份;  
d: 整体制品;  
e: 试验时间=30min;  
f: 临界热辐射通量是指火焰熄灭时的热辐射通量或试验进行 30min 后的热辐射通量, 取二者较低值 (该热辐射通量对应于火焰传播的最远距离处);  
g:  $s_1 = \text{产烟} \leq 750\% \times \text{min}$ ;  
 $s_2 = \text{未达到 } s_1$ ;  
h: 火焰轰击制品的表面和 (如果适合该制品的最终应用) 边缘

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样品照片:



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