检测报告

保定巨恒塑料制造有限公司
河北省保定市雄县东城经济开发区

样品描述	：同质透心塑胶地板
生产厂家	：江苏恒冉新材料有限公司

以上样品及信息由客户提供及确认，SGS 不承担证实客户提供信息的准确性、适当性、可靠性和(或)完整性责任。

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收样日期	：2022 年 10 月 10 日
检测日期	：2022 年 10 月 10 日至 2022 年 10 月 21 日
执行检测	：按申请者要求进行检测

测试结果总结

编号	测试要求	测试结果	备注
1	EN 13501-1:2018 建筑材料及制品燃烧性能分级-第一部分：依据燃烧性能进行分级	燃烧等级：B_{fl}-s1	/
详细的测试结果请看附页			

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赵维勇
授权签字人

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测试和结果

测试依据：

EN 13501-1:2018 建筑材料及制品燃烧性能分级-第一部分：依据燃烧性能进行分级。

具体测试方法如下：

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 11925-2:2020 燃烧测试-用指定的火焰点燃建筑制品-小火焰测试

安装和固定（EN ISO 9239-1:2010）：

基材为水泥纤维板满足 EN13501-1，A2-s1,d0 等级，其密度约 1800kg/m^3，厚度约 8mm。

样品机械固定到标准基材上。

测试结果：

测试方法	参数	样品数量	结果
EN ISO 9239-1:2010	同一方向上样品的临界热辐射通量(CHF)平均值	3	10.17 kW/m^2
	产烟量烟气总值		154.6 %×min
	观察现象及备注		炭化
EN ISO 11925-2:2020 点火时间 = 15 s	20 s 内 *F*s≤150mm (是/否)	6	是

备注：

1) 上述结果为同一个方向的 3 块试样的临界辐射通量的平均值(CHF 与/或 HF-30)

分级依据：

分级要求按照 **EN 13501-1:2018.**

等级：

燃烧等级		**烟生成等级**	
B_{fl}	—	s	1

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备注：

评级和相应的防火性能参考下面表 2。

燃烧性能共分七个等级，包括 A1fl 到 Ffl，其中 A1fl 级为最高的等级，Ffl 级为最低的等级。

声明：

本测试结果是产品试样在特定条件下的测试结果，它不能作为评估该产品的防火性能唯一的标准。

警告：

本报告不代表该制品的批准或认可。

样品是由客户提供，实验室没有参与生产线现场取样，所以无法追溯样品的来源。

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表 2 - 铺地材料燃烧性能分级

等级	试验标准		分级判据	附加分级
$A1_{fl}$	EN ISO 1182 [a] 且		炉内温升ΔT≤30℃, 且 质量损失率Δm≤50%, 且 持续燃烧时间 t_f=0(无持续燃烧)	-
	EN ISO 1716		总热值≤2.0MJ/kg [a] 且 总热值≤2.0MJ/kg [b] 且 总热值≤1.4MJ/m^2 [c] 且 总热值≤2.0MJ/kg [d]	-
$A2_{fl}$	EN ISO 1182 [a] 或	且	炉内温升ΔT≤50℃,且 质量损失率Δm≤50%,且 持续燃烧时间 t_f≤20 s	-
	EN ISO 1716		总热值≤3.0MJ/kg [a] 且 总热值≤4.0MJ/m^2 [b] 且 总热值≤4.0MJ/m^2 [c] 且 总热值≤3.0MJ/kg [d]	-
	EN ISO 9239-1 [e]		临界辐射热通量 [f] ≥8.0 kW/m^2	产烟量 [g]
B_{fl}	EN ISO 9239-1 [e] 且		临界辐射热通量 [f] ≥8.0 kW/m^2	产烟量 [g]
	EN ISO 11925-2 [h] 点火时间 =15s		20 s 内 F_s≤150mm	
C_{fl}	EN ISO 9239-1 [e] 且		临界辐射热通量 [f] ≥4.5 kW/m^2	产烟量 [g]
	EN ISO 11925-2 [h] 点火时间 =15s		20 s 内 F_s≤150mm	
D_{fl}	EN ISO 9239-1 [e] 且		临界辐射热通量 [f] ≥3.0 kW/m^2	产烟量 [g]
	EN ISO 11925-2 [h] 点火时间 =15s		20 s 内 F_s≤150mm	
E_{fl}	EN ISO 11925-2 [h] 点火时间 =15s		20 s 内 F_s≤150mm	-
F_{fl}	EN ISO 11925-2 [h] 点火时间 =15s		20 s 内 F_s>150mm	-

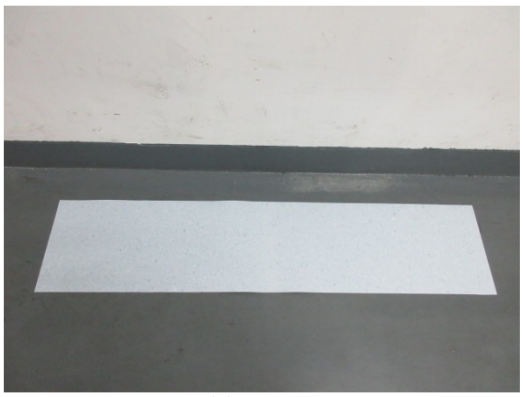
[a] 匀质制品和非匀质制品的主要组分；
[b] 非匀质制品的外部次要组分；
[c]非匀质制品的任一内部次要组分；
[d] 整体制品；
[e] 实验时间=30min；
[f] 临界热辐射通量是指火焰熄灭时的热辐射通量或试验进行30min后的热辐射通量，取二者较低值（该热辐射通量对应于火焰传播的最远距离处）
[g] s1 = 产烟 ≤ 750 %×min
s2 = 不属于s1
[h] 火焰轰击该制品的表面和（如果适合该制品的最终应用）边缘。

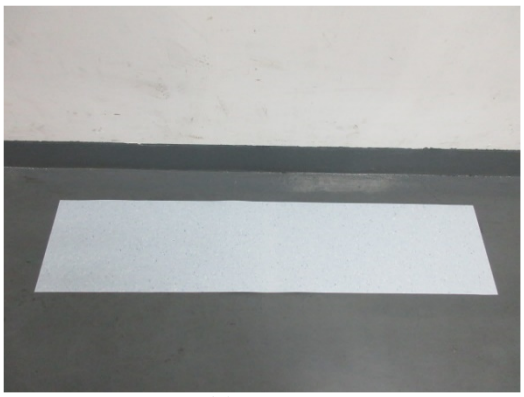
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样品信息和图片

试样厚度： 2.0mm
试样密度： 3.0kg/m^2


样品正面


样品背面

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