

检测报告

编号: SHAAUTO24006128622

日期: 2024 年 06 月 20 日

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客户名称: 优彩环保资源科技股份有限公司
客户地址: 江苏省江阴市祝塘镇环西路 29 号

样品名称: TP 黑色低熔棉
产品规格: 4Dx51
批号: CDF533
生产厂家: 优彩环保资源科技股份有限公司
材质: 纤维
购买商: 宁波拓普
所属车型: MODEL Y
生产日期: 2024.5.13
包装时间: 2024.6.05
客户参考信息: 样品数量: 200g

以上样品及信息由客户提供。

SGS 工作编号: SHAT2401000818OH
收样日期: 2024 年 06 月 06 日
检测周期: 2024 年 06 月 13 日 ~ 2024 年 06 月 20 日
检测要求: 根据客户要求检测。
检测方法: 见后续页。
检测结果: 见后续页。

通标标准技术服务(上海)有限公司
授权签名

Eva Wang 王文
批准签署人



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检测结果:

检测部件外观描述:

样品序号	样品编号	SGS 样品 ID	样品描述
SN1	A1	SHA24-0012186-0001.C001	TP 黑色低熔棉(带铝箔包装)

备注:

- (1) 1 mg/kg = 1 ppm = 0.0001%
(2) MDL= 方法检测限
(3) ND = 未检出(< MDL)
(4) "-" = 未规定

苯系物挥发量及 TVOC

检测方法: 参考 TP-0001008 Rev 1.0 方法, 采用 TDS-GC-MS 进行分析。

样品: A1

采样日期 20240607
分析日期 20240615
检测样品重量 50g
检测样品尺寸 -
有无标准条件下调节 Yes
预处理条件 23.0±2.0(°C);50%±5% RH;24±1(h)
使用样袋的容量 500L
填充氮气容量 250L
加热温度 65°C
检测时间 2.0h
捕集容量(TENAX) 3L
捕集速度(TENAX) 202mL/min

检测项目	单位	MDL	检测 1	检测 2	平均值
苯	µg/sample	1.00	ND	ND	ND
甲苯	µg/sample	1.00	ND	ND	ND
乙苯	µg/sample	1.00	ND	ND	ND
二甲苯	µg/sample	3.00	ND	ND	ND
苯乙烯	µg/sample	1.00	ND	ND	ND
TVOC(C6~C16)	µg/sample	1.00	28.46	29.00	28.73



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样品编号	仪器类别	设备编号	型号	校准周期
A1	TDSGCMS	CHEM-1548	TD100-xr / GC 8890 / MSD 5975C	2023.2.2~2025.2.1

备注:

(1) TVOC 分析是按甲苯当量计算的半定量分析。

醛、酮物质

检测方法: 参考 TP-0001008 Rev 1.0 方法, 采用 HPLC-DAD 进行分析。

样品: A1

分析日期 20240607
采样日期 20240615
检测样品重量 50g
检测样品尺寸 -
有无标准条件下调节 Yes
预处理条件 23.0±2.0(°C);50%±5% RH;24±1(h)
使用样袋的容量 500L
填充氮气容量 250L
加热温度 65°C
检测时间 2.0h
捕集容量 (DNPH) 12L
捕集速度(DNPH) 801mL/min

检测项目	单位	MDL	检测 1	检测 2	平均值
甲醛	µg/sample	1.00	3.54	3.64	3.59
乙醛	µg/sample	1.00	11.01	10.80	10.90
丙烯醛	µg/sample	1.00	ND	ND	ND
丙酮	µg/sample	1.00	2.14	2.14	2.14
丁酮	µg/sample	1.00	ND	ND	ND
正丁醛	µg/sample	1.00	ND	ND	ND
环己酮	µg/sample	1.00	ND	ND	ND

样品编号	仪器类别	设备编号	型号	校准周期
A1	HPLC-DAD	CHEM-1157	U3000	2024.6.30~2024.6.30

感官检测-零部件气味检测

检测方法: 参考 TP-0001008 Rev 1.0 标准。



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样品: A1

有无标准条件下调节	YES
预处理条件	23.0±2.0(°C);50%±5% RH;24±1(h)
使用样袋的容量	500L
填充氮气容量	250L
加热温度	65°C
检测时间	2.0h
检测样件重量	50g

检测人员	气味强度	气味描述
张钰琳	3.5 级	油剂味
钟婷	3.5 级	油剂味
侯晓明	3.5 级	香精味
曾桂华	3.5 级	溶剂味
常元元	3.5 级	溶剂味
平均值	3.5 级	-
最终结果	3.5 级	-

备注:

1) 评分级别:

等级	级别说明
1.0	无气味
1.5	轻微可察觉
2.0	可察觉, 但不会令人不舒适
2.5	明显可察觉, 但不是令人不适的
3.0	非常易察觉, 但不是令人不适的
3.5	强烈的引起轻微的不适
4.0	令人不适的
4.5	强烈的且不适的
5.0	强烈的不适
5.5	非常强烈的不适
6.0	极其不适

挥发性化合物定性分析(Top50)

测试方法: 按照客户要求, 采用 TDS-GC-MS 进行分析。

SHA24-0012186. 0001.C001:

保留时间 (分钟)	物质名称	化学文摘号	结果 (µg/sample)
8.23	Acetonitrile + 2-Propanone	000075-05-8 000067-64-1	1.411
9.19	Acetic acid	000064-19-7	1.345
10.69	1,3-Dioxolane, 2-methyl-	000497-26-7	11.172



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11.51	1,2-Ethandiol	000107-21-1	1.072
14.93	Acetic acid, butyl ester + Cyclotrisiloxane, hexamethyl-	000123-86-4 000541-05-9	1.029
19.39	Benzenemethanol	000100-51-6	1.737
20.25	Nonanal	000124-19-6	1.291
21.17	alkene, alkanol, cycloalkane		5.715
21.20	alkene, alkanol, cycloalkane		5.891
21.28	alkene, alkanol, cycloalkane		8.039
21.39	alkene, alkanol, cycloalkane		3.492
23.43	1-Dodecanol	000112-53-8	126.782
23.61	aliphatic compound		2.186
23.81	Heptasiloxane, hexadecamethyl-	000541-01-5	1.192
24.15	?, ..., 149, 13, 121, 109, 93, 81, 69, 41, ...		2.091
24.19	?, ..., 149, 13, 121, 109, 93, 81, 69, 41, ...		3.296
24.84	aliphatic compound		1.069
28.14	Decanedioic acid, dibutyl ester	000109-43-3	1.903
/	/	/	/
/	/	/	/

备注:

定性结果基于 NIST 谱库/Wiley 谱库检索.

定量结果基于甲苯作为基准物质进行半定量分析。

除非另有说明, 参照 ILAC-G8:09/2019, 使用简单接受 ($w=0$) 的二元判定规则进行符合性判定。

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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。



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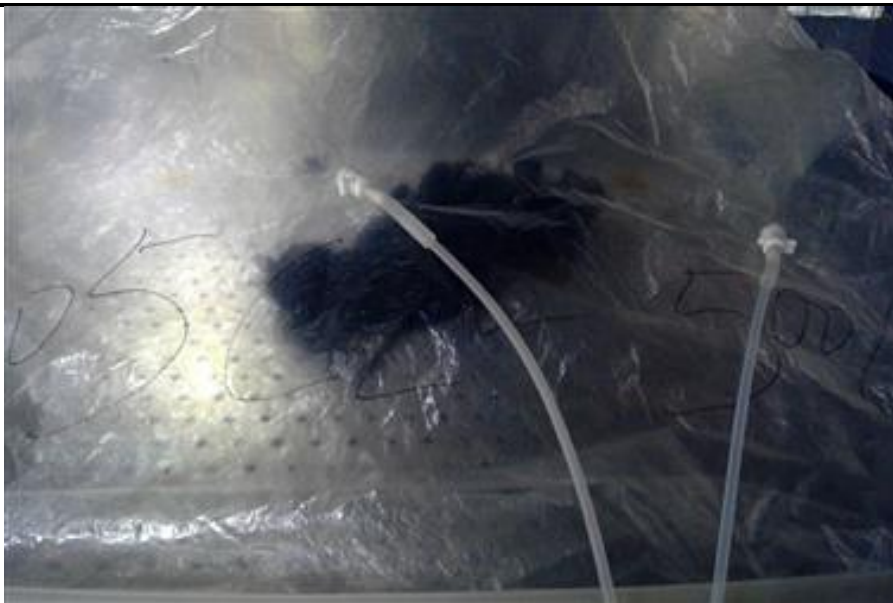
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