

检测报告 编号: SHAEC2208506402 日期: 2022年07月12日 第1页,共14页

客户名称: 江苏捷捷微电子股份有限公司

客户地址: 江苏省启东市经济开发区钱塘江路3000号

TO-220A 样品名称:

买家: 美的

型号: TO-220A 客户参考信息: 见附件

以上样品及信息由客户提供。

SGS工作编号: SP22-012494 - SH 样品接收日期: 2022年06月29日

检测周期: 2022年06月29日 - 2022年07月11日

检测要求: 根据客户要求检测 检测方法: 请参见下一页 检测结果: 请参见下一页

通标标准技术服务(上海)有限公司 授权签名

Tom Ni倪俊 批准签署人





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-Document.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 Cilent's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parlies 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.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ags.com"

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233 中国・上海・徐汇区宜山路889号3号楼 邮编: 200233



检测报告 编号: SHAEC2208506402 日期: 2022年07月12日 第2页,共14页

检测结果:

检测样品描述:

样品编号SGS样品ID描述SN1SHA22-085064.001黑色塑料

备注:

(1) 1 mg/kg = 0.0001%

(2) MDL = 方法检测限

(3) ND = 未检出 (< MDL)

(4) "-" = 未规定

多氯三联苯(PCTs)

检测方法: 参考 US EPA 8082A: 2007, 采用 GC-MS进行分析。

| <u>检测项目</u> | <u>单位</u> | <u>MDL</u> | <u>001</u> |
|-------------|-----------|------------|------------|
| 多氯三联苯 5432 | mg/kg | 5 | ND |
| 多氯三联苯 5442 | mg/kg | 5 | ND |
| 多氯三联苯 5460 | mg/kg | 5 | ND |

<u>石棉</u>

检测方法: 参考NIOSH 9000:2015和ISO 22262-1:2012,采用X射线衍射仪(XRD)和偏光显微镜(PLM)进行定性分析。

| <u>检测项目</u> 阳起石 | <u>CAS NO.</u> 77536-66-4 | <u>单位</u> % | <u>MDL</u> 0.1 | <i>001</i> 阴性 |
|--------------------|------------------------------|----------------|-------------------|------------------|
| 铁石棉 | 12172-73-5 | % | 0.1 | 阴性 |
| 直闪石 | 77536-67-5 | % | 0.1 | 阴性 |
| 温石棉 | 12001-29-5 | % | 0.1 | 阴性 |
| 青石棉 | 132207-32-0 12001-28-4 | % | 0.1 | 阴性 |
| 透闪石 | 77536-68-6 | % | 0.1 | 阴性 |



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-Document.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.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, **Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, **Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, *Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, ***This inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, ***

or email: CN.Doccheck@sgs.com | 3rdBuilding.No.889 Yishan Road Xuhui District.Shandhai China 200233 t E&E (86-21) 61402553 f E&E (86-21)64953679 www.sgsgroup.com.cn

中国・上海・徐汇区宜山路889号3号楼 邮编: 200233

tHL (86–21) 61402594 fHL (86–21)61156899



检测报告 编号: SHAEC2208506402 日期: 2022年07月12日 第3页,共14页

备注:

(1) 阴性=未检出石棉,阳性=检出石棉

甲醛

检测方法: 参考ISO17226-1:2021, 采用HPLC-DAD进行分析。

单位 检测项目 MDL 001 甲醛 ND mg/kg 16

富马酸二甲酯(DMF)

检测方法: 溶剂萃取. 采用GC-MS进行分析。

检测项目 单位 **MDL** *001* 富马酸二甲酯(DMF) 0.03 ND mg/kg

偶氮染料

检测方法: 纺织品: 参考EN ISO 14362-1:2017, 采用GC-MS/HPLC-DAD进行分析。

| 检测项目 CAS NO. | | <u>单位</u> | MDL | 检测结果 | |
|---------------------------|----------|-----------------|-----|------------|-------|
| | CAS NO. | SAS NO. +E WIDE | | <u>001</u> | |
| | | | | 直接还原* | 染料提取* |
| 2,4,5-三甲苯胺 | 137-17-7 | mg/kg | 5 | ND | ND |
| 2,4-二氨基苯甲醚 | 615-05-4 | mg/kg | 5 | ND | ND |
| 2,4-二氨基甲苯 | 95-80-7 | mg/kg | 5 | | ND |
| 2,4-二氨基甲苯, TDA | 95-80-7 | mg/kg | 5 | ND | |
| 2-氨基-4-硝基甲苯 | 99-55-8 | mg/kg | 5 | ND | ND |
| 2-萘胺 | 91-59-8 | mg/kg | 5 | ND | ND |
| 3,3'-二甲基-4,4'-二氨基二苯甲烷 | 838-88-0 | mg/kg | 5 | ND | ND |
| 3,3'-二甲基联苯胺 | 119-93-7 | mg/kg | 5 | ND | ND |
| 3,3'-二甲氧基联苯胺 | 119-90-4 | mg/kg | 5 | ND | ND |
| 3,3'-二氯联苯胺 | 91-94-1 | mg/kg | 5 | ND | ND |
| 3-氨基对甲苯甲醚(p-克利酊) | 120-71-8 | mg/kg | 5 | ND | ND |
| 4,4'-次甲基-双-(2-氯苯胺) | 101-14-4 | mg/kg | 5 | ND | ND |
| 4,4'-二氨基二苯甲烷 | 101-77-9 | mg/kg | 5 | | ND |
| 4,4 '-二氨基二苯甲烷, MDA | 101-77-9 | mg/kg | 5 | ND | |



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-Document.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 parlies 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.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ags.com"

3rdBuilding,No.889 Yishan Road Xuhui District, Shanghai China 200233 中国・上海・徐汇区宜山路889号3号楼 邮编: 200233 t E&E (86-21) 61402553 f E&E (86-21)64953679 www.sgsgroup.com.cn t HL (86-21) 61402594 f HL (86-21) 61156899

e sgs.china@sgs.com



检测报告 编号: SHAEC2208506402 日期: 2022年07月12日 第4页,共14页

| 检测项目 | CAS NO. | <u>单位</u> | MDL | 检测结果 | |
|----------------|----------|--------------|-------|----------|------------|
| <u>位 例 次 日</u> | CAS NO. | <u>+ 111</u> | IVIDL | <u>(</u> | <u>001</u> |
| 4,4'-二氨基二苯硫醚 | 139-65-1 | mg/kg | 5 | ND | ND |
| 4,4'-二氨基二苯醚 | 101-80-4 | mg/kg | 5 | ND | ND |
| 4-氨基联苯 | 92-67-1 | mg/kg | 5 | ND | ND |
| 4-氨基偶氮苯 | 60-09-3 | mg/kg | 5 | ND | ND |
| 4-氯邻甲苯 | 95-69-2 | mg/kg | 5 | ND | ND |
| 对氯苯胺 | 106-47-8 | mg/kg | 5 | ND | ND |
| 联苯胺 | 92-87-5 | mg/kg | 5 | ND | ND |
| 邻氨基二甲基偶氮苯 | 97-56-3 | mg/kg | 5 | ND | ND |
| 邻甲苯胺 | 95-53-4 | mg/kg | 5 | ND | ND |
| 邻甲氧基苯胺 | 90-04-0 | mg/kg | 5 | ND | ND |

备注:

- (1)*直接还原参考EN ISO 14362-1:2017中第10.2和相关章节的提取和还原进行检测。
- *染料提取参考EN ISO 14362-1:2017中第10.1和相关章节的染料提取和还原进行检测。
- (2) 4-氨基联苯(CAS No. 92-67-1), 2-萘胺(CAS No. 91-59-8), 2,4-二氨基苯甲醚(CAS No. 615-05-4) 可由一 些不含偶氮结合胺的着色剂间接生成。如果没有进一步的信息(如染料的化学结构)提供,并不能确认使用 了禁用的偶氮染料。
- (3) 当样品中含有聚氨酯材料(如含PU泡沫、PU涂层和PU胶印)时, 某些胺类, 若4,4'-二氨基二苯甲 烷(MDA, CAS No. 101-77-9) 和 2,4-二氨基甲苯(TDA, CAS No. 95-80-7) 有检出, 并不能确认其来自PU材料 而非禁用偶氮染料。同样,对于含有胶印样品,4,4'-二氨基二苯甲烷(MDA, CAS No. 101-77-9)也会从化学 固色剂中释放出来。
- (4) EN ISO 14362-1:2017 方法使4-氨基偶氮苯(CAS No:60-09-3) 在本实验条件下进一步裂解为非禁用的 胺:苯胺或1,4-苯二胺. 如果经上述检测方法没有检出苯胺和/或1,4-苯二胺(i.e. <5mg/kg), 则认为 4-氨基偶氮 苯"未检出" (i.e. <5mg/kg), 否则, 将采用EN ISO 14362-3:2017 方法验证4-氨基偶氮苯的存在。

有机锡化合物

检测方法: 参考 ISO 17353: 2004, 采用GC-MS进行分析。

| <u>检测项目</u> | <u>单位</u> | <u>MDL</u> | <u>001</u> |
|-------------------|-----------|------------|------------|
| 三取代有机锡化合物之和*(以锡计) | % | 0.01 | ND |
| 二丁基锡(DBT)化合物(以锡计) | % | 0.01 | ND |
| 二辛基锡(DOT)化合物(以锡计) | % | 0.01 | ND |

备注:

* = 三取代有机锡化合物包括三丁基锡 (TBT),三苯基锡 (TPhT), 三丙基锡(TPT),三环己基锡 (TCyT), 三辛基锡(TOT)和三甲基锡(TMT)化合物。

阻燃剂含量



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-Document.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.

**Attention: To check the authenticity of testing inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, **Attention: To check the authenticity of testing inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, **Attention: To check the authenticity of testing inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, **The content of the company is a conten

3rdBuilding, No. 889 Yishan Road Xuhui District, Shanghai China 200233 中国・上海・徐汇区宜山路889号3号楼 邮编: 200233 t E&E (86-21) 61402553 f E&E (86-21)64953679 www.sgsgroup.com.cn t HL (86-21) 61402594 f HL (86-21) 61156899

e sgs.china@sgs.com



检测报告 编号: SHAEC2208506402 日期: 2022年07月12日 第5页,共14页

检测方法: 参考US EPA 方法 3550C:2007和US EPA方法 8270D: 2014,采用GC-MS分析.

| <u>检测项目</u> | CAS NO. | <u>单位</u> | <u>MDL</u> | <u>001</u> |
|--------------------------|------------|-----------|------------|------------|
| 磷酸三(1,3-二氯-2-丙基)酯(TDCPP) | 13674-87-8 | mg/kg | 5 | ND |
| 磷酸三(2-氯乙基)酯(TCEP) | 115-96-8 | mg/kg | 5 | ND |
| 磷酸三(1-氯-2-丙基)酯(TCPP) | 13674-84-5 | mg/kg | 5 | ND |

持久有机性污染物(POPs)

检测方法: SGS内部方法,采用GC-MS、GC-ECD和HPLC-DAD-MS进行分析。

| <u>检测项目</u> | CAS NO. | <u>单位</u> | <u>MDL</u> | <u>001</u> |
|---------------------------------|---------------|-----------|------------|------------|
| 多氯联苯(PCB) | 1336-36-3 及其他 | mg/kg | 5 | ND |
| 多氯萘(PCN) | 70776-03-3 及其 | mg/kg | 5 | ND |
| | 他 | | | |
| 六氯丁二烯 | 87-68-3 | mg/kg | 5 | ND |
| 全氟辛烷磺酸 (PFOS) 及衍生物 | - | mg/kg | - | ND |
| 全氟辛烷磺酸 (PFOS) ^ | 1763-23-1 | mg/kg | 1 | ND |
| 2-(N-甲基全氟辛基磺酰胺)乙醇 (MeFOSE) | 24448-09-7 | mg/kg | 1 | ND |
| 2-(N-乙基全氟辛基磺酰胺)乙醇 (EtFOSE) | 1691-99-2 | mg/kg | 1 | ND |
| N-甲基全氟辛烷磺酰胺 (MeFOSA) | 31506-32-8 | mg/kg | 1 | ND |
| N-乙基全氟辛烷磺酰胺 (EtFOSA) | 4151-50-2 | mg/kg | 1 | ND |
| 全氟辛基磺酰胺 (PFOSA) | 754-91-6 | mg/kg | 1 | ND |
| 全氟辛酸(PFOA)及其盐+ | 335-67-1 | mg/kg | 0.010 | ND |
| 全氟辛酸(PFOA)相关物质 | | mg/kg | - | ND |
| 1H,1H,2H,2H-全氟癸烷磺酸 (8:2 FTS) | 39108-34-4 | mg/kg | 0.2 | ND |
| 全氟辛酸甲酯 (Me-PFOA) | 376-27-2 | mg/kg | 0.2 | ND |
| 全氟辛酸乙酯 (Et-PFOA) | 3108-24-5 | mg/kg | 0.2 | ND |
| 1H,1H,2H,2H-全氟-1-癸醇(8:2 FTOH) | 678-39-7 | mg/kg | 0.2 | ND |
| 1H,1H,2H,2H-全氟癸基丙烯酸酯(8:2 FTA) | 27905-45-9 | mg/kg | 0.2 | ND |
| 1H,1H,2H,2H-甲基丙烯酸全氟癸酯(8:2 FTMA) | 1996-88-9 | mg/kg | 0.2 | ND |
| 全氟辛基碘烷 (PFOI) | 507-63-1 | mg/kg | 0.2 | ND |
| 备注: | | | | |

(1) ^ 全氟辛烷磺酸 (PFOS)包含 PFOS-K (CAS No.: 2795-39-3), PFOS-Li (CAS No.: 29457-72-5), PFOS-NH4 (CAS No.: 29081-56-9), PFOS-NH(OH)2 (CAS No.: 70225-14-8), PFOS-N(C2H5)4 (CAS No.: 56773-42-3), PFOS-DDA (CAS No.:251099-16-8) 和POSF (CAS No.: 307-35-7)。

(2) + PFOA 及其盐包含PFOA-Na (CAS No.: 335-95-5), PFOA-K (CAS No.: 2395-00-8), PFOA-Ag (CAS

No.: 335-93-3), PFOA-F (CAS No.: 335-66-0) 和 APFO (CAS No.: 3825-26-1)。



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-Document.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.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, **Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, **Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, *Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, ***This inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, *** ion report & certificate, please contact us at telephone: (86-755) 8307 1443,

3rdBuilding, No. 889 Yishan Road Xuhui District, Shanghai China 200233 中国・上海・徐汇区宜山路889号3号楼 邮编: 200233



编号: SHAEC2208506402

日期: 2022年07月12日 第6页,共14页

(3) 鉴于分析需求和样品量的限制,仅对成品中足够测试的部件/材料进行筛分测试。 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。 除非另有说明,此报告结果仅对检测的样品负责。本报告未经本公司书面许可,不可部分复制。 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。



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-Document.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.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ags.com"

3¹⁴Building,No.889 Yishan Road Xuhui District,Shanghai China 200233 中国 • 上海 • 徐汇区宜山路889号3号楼 邮编: 200233 

编号: SHAEC2208506402

日期: 2022年07月12日 第7页,共14页

TO-92 \ TO-3P \ TO-92CR \ TO-92UR \ TO-92-2L \ TO-92KR \ TO-92KRF \ TO-251 \ TO-251-3L \ TO-251L-3L \ TO-251S \ TO-252 \ TO-252-3L \ TO-252-2L \ TO-252-4R \ TO-251-4R \ TO-220FP-6L \ TO-220A-3L \ TO-220A-2L \ TO-220A-2D-3L \ TO-220A-2D-2L x T0-220B x T0-220B-3L x T0-220C x T0-220C-3L x T0-220C-2L x T0-220FA x TO-220FA-3L \ TO-220FP \ TO-220FP-3L \ TO-220FP-2L \ TO-247 \ TO-247-3L \ TO-247S \ TO-247S-3L \ TO-247S-2L \ TO-247J \ ITO-247 \ ITO-247-3L \ TO-3PF-3L \ TO-220H-3L \ TO-126 \ TO-202 \ TO-202-3 \ TO-262 \ TO-262-3L \ TO-263 \ TO-263-3L \ TO-277B \ SOT-89 \ SOT-89-3L \ SOT-89R-2L \ SOT-89-2L \ SOT-223 \ SOT-223-3L \ SOT-223-2L \ SOT-223-2 \ SOT-82 \ SOT-23-3L \ SOT-23-2L \ PDFN5x6-8L \ DFN5x6-8L \ TO-247J-2L \ STOLL7x8-5L \ PDFN5x6-8L-D \ PDFN3.3x3.3-8L \ TOLL9.9x10.38-8L \ PDFN5x6-8L \ DFN2x2-3L \ DFN2x2-6L \ DFN2x2-6L-D \ DFN3.3x3.3-8L \ DFN3.3x3.3-8L (type B) \ PDFN3.3x3.3-8L-D \ DFN8x8-2L \ DFN8x8-4L



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-Document.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.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, **Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, **Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, *Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, ***This inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, *** ion report & certificate, please contact us at telephone: (86-755) 8307 1443,

3rdBuilding,No.889 Yishan Road Xuhui District, Shanghai China 200233 中国・上海・徐汇区宜山路889号3号楼 邮编: 200233 t E&E (86-21) 61402553 f E&E (86-21)64953679 www.sgsgroup.com.cn t HL (86-21) 61402594 f HL (86-21) 61156899

e sgs.china@sgs.com

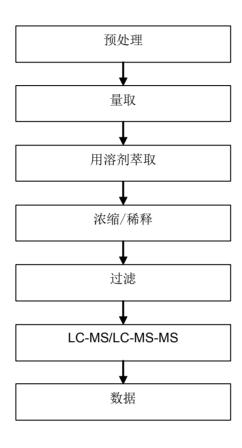


附件

编号: SHAEC2208506402

日期: 2022年07月12日 第8页,共14页

PFASs/ PFOS/PFOA 检测流程图





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-Document.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.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CRN.Doccheck@gs.com"

3rdBuilding,No.889 Yishan Road Xuhui District,Shanghai China 200233 中国・上海・徐汇区宜山路889号3号楼 邮编: 200233

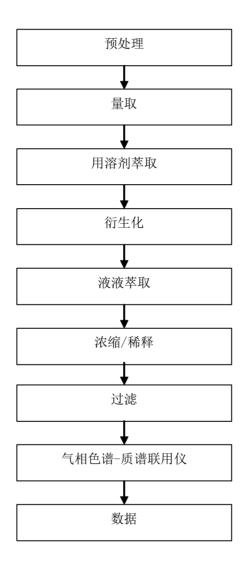


附件

编号: SHAEC2208506402

日期: 2022年07月12日 第9页,共14页

Organotin 检测流程图





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-Document.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.

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"

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233 中国・上海・徐汇区宜山路889号3号楼 邮编: 200233

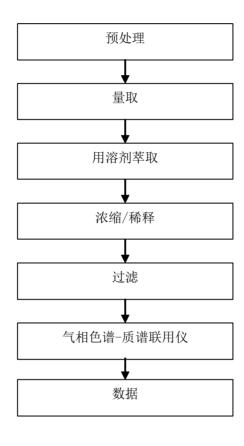


附件

编号: SHAEC2208506402

日期: 2022年07月12日 第10页,共14页

PCT 检测流程图





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-Document.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.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CRN.Doccheck@gs.com"

3rdBuilding,No.889 Yishan Road Xuhui District,Shanghai China 200233 中国・上海・徐汇区宜山路889号3号楼 邮编: 200233

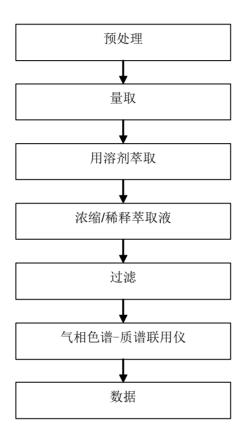


附件

编号: SHAEC2208506402

日期: 2022年07月12日 第11页,共14页

阻燃剂检测流程图





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-Document.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.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CRN.Doccheck@gs.com"

3rdBuilding,No.889 Yishan Road Xuhui District,Shanghai China 200233 中国・上海・徐汇区宜山路889号3号楼 邮编: 200233

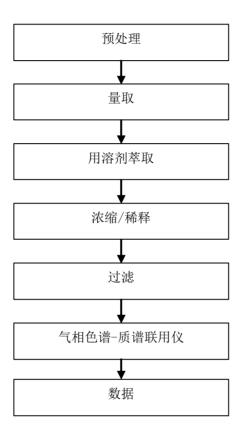


附件

编号: SHAEC2208506402

日期: 2022年07月12日 第12页,共14页

DMF(富马酸二甲酯)检测流程图





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-Document.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.

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"

3rdBuilding, No. 889 Yishan Road Xuhui District, Shanghai China 200233 中国・上海・徐汇区宜山路889号3号楼 邮编: 200233

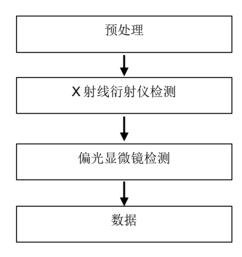


编号: SHAEC2208506402

日期: 2022年07月12日 第13页,共14页

附件

Asbestos 检测流程图





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-Document.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.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CRN.Doccheck@gs.com"

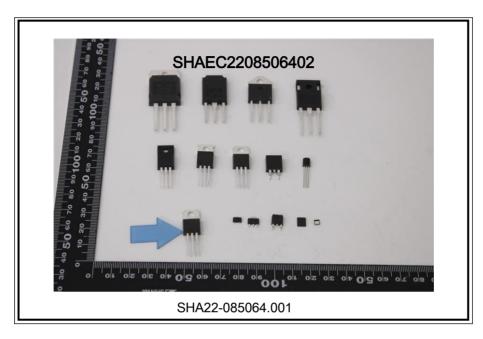
3rdBuilding,No.889 Yishan Road Xuhui District,Shanghai China 200233 中国・上海・徐汇区宜山路889号3号楼 邮编: 200233



编号: SHAEC2208506402

日期: 2022年07月12日 第14页,共14页

样品照片:



此照片仅限于随SGS正本报告使用

*** 报告完 ***



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-Document.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.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ags.com"

3rdBuilding,No.889 Yishan Road Xuhui District, Shanghai China 200233 中国・上海・徐汇区宜山路889号3号楼 邮编: 200233