

检测报告

编号: SZXEC2201020702

日期: 2022年04月19日 第1页,共6页

客户名称: 敬业电子(惠州)有限公司

客户地址: 广东省惠州市惠城区惠风西四路82号(平南工业园50号小区)

样品名称: 电解电容器

以上样品及信息由客户提供。

SGS工作编号: RP22-007813 - SZ

样品接收日期: 2022年04月13日

检测周期: 2022年04月13日 - 2022年04月19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

检测结果概要:

检测要求	结论
美国环保署有毒物质控制法 (TSCA) 第6 (h) 节规定的持久性、生物累积性和毒性 (PBT) 化学物质	符合

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倪磊

Andy Ni 倪磊
批准签署人

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检测报告

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检测结果:

检测样品描述:

样品编号	SGS样品ID	描述
SN1	SZX22-010207.001	带白色印字的黑色外皮 1#
SN2	SZX22-010207.002	黑色物料 2#
SN3	SZX22-010207.003	白色物料 3#
SN4	SZX22-010207.004	米黄色物料 4#

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

美国环保署有毒物质控制法 (TSCA) 第6 (h)节规定的持久性、生物累积性和毒性 (PBT) 化学物质

检测方法: SGS内部方法(SGS-CCL-SOP-034-11, 参考US EPA 方法 3550C:2007), 采用GC-MS进行分析。

检测项目	CAS NO.	限值	单位	MDL	001
十溴二苯醚 (Deca-BDE) Δ^1	1163-19-5	★	mg/kg	5	ND
异丙基化磷酸三苯酯 (PIP 3:1) Δ^2	68937-41-7	★	mg/kg	5	ND
2,4,6-三叔丁基苯酚 (2,4,6-TTBP) Δ^3	732-26-3	3000	mg/kg	5	ND
六氯丁二烯 (HCBd)	87-68-3	★	mg/kg	5	ND
五氯苯硫酚 (PCTP)	133-49-3	10000	mg/kg	5	ND
结论					符合

检测项目	CAS NO.	限值	单位	MDL	002
十溴二苯醚 (Deca-BDE) Δ^1	1163-19-5	★	mg/kg	5	ND
异丙基化磷酸三苯酯 (PIP 3:1) Δ^2	68937-41-7	★	mg/kg	5	ND
2,4,6-三叔丁基苯酚 (2,4,6-TTBP) Δ^3	732-26-3	3000	mg/kg	5	ND
六氯丁二烯 (HCBd)	87-68-3	★	mg/kg	5	ND
五氯苯硫酚 (PCTP)	133-49-3	10000	mg/kg	5	ND
结论					符合

检测项目	CAS NO.	限值	单位	MDL	003
十溴二苯醚 (Deca-BDE) Δ^1	1163-19-5	★	mg/kg	5	ND
异丙基化磷酸三苯酯 (PIP 3:1) Δ^2	68937-41-7	★	mg/kg	5	ND
2,4,6-三叔丁基苯酚 (2,4,6-TTBP) Δ^3	732-26-3	3000	mg/kg	5	ND



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检测项目	CAS NO.	限值	单位	MDL	003
六氯丁二烯 (HCBd)	87-68-3	★	mg/kg	5	ND
五氯苯硫酚 (PCTP)	133-49-3	10000	mg/kg	5	ND
结论					符合

检测项目	CAS NO.	限值	单位	MDL	004
十溴二苯醚 (Deca-BDE) Δ^1	1163-19-5	★	mg/kg	5	ND
异丙基化磷酸三苯酯 (PIP 3:1) Δ^2	68937-41-7	★	mg/kg	5	ND
2,4,6-三叔丁基苯酚 (2,4,6-TTBP) Δ^3	732-26-3	3000	mg/kg	5	ND
六氯丁二烯 (HCBd)	87-68-3	★	mg/kg	5	ND
五氯苯硫酚 (PCTP)	133-49-3	10000	mg/kg	5	ND
结论					符合

备注:

- "★"= 禁止使用
 - 法规信息请参见下链接
<https://www.epa.gov/assessing-and-managing-chemicals-under-tsca/persistent-bioaccumulative-and-toxic-pbt-chemicals-under>
 - Δ^1 : 若送测样品来自于含有十溴二苯醚的产品或物品的回收塑料, 则可豁免;
 - Δ^2 : 提交的样品有下列情形之一的, 不在法规的管控范围内:
 - 用于航空或军事用途的液压油;
 - 润滑剂和润滑脂;
 - 汽车和航空航天车辆的新零件和替换零件;
 - 生产氰基丙烯酸酯胶粘剂的中间体;
 - 机车和船用专用发动机空气滤清器;
 - 来自于含有PIP (3:1) 的产品或物品的回收塑料;
 - 用含有PIP (3:1) 回收产品或物品的塑料制成的产品或物品
 - Δ^3 : 提交的样品如果不是机油或润滑油, 则不在法规的管控范围内;
- 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。



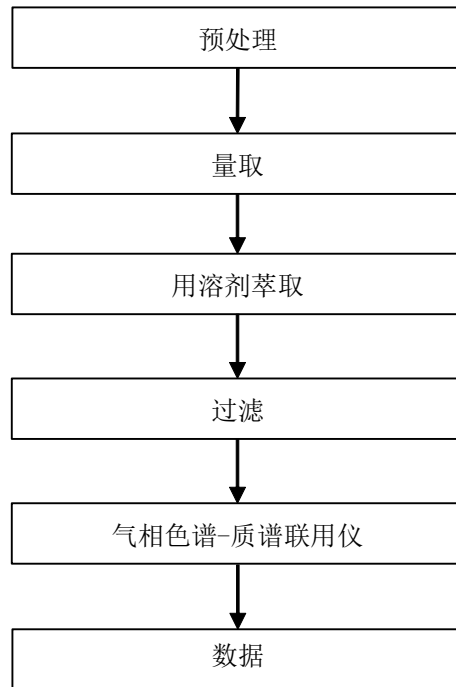
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附件

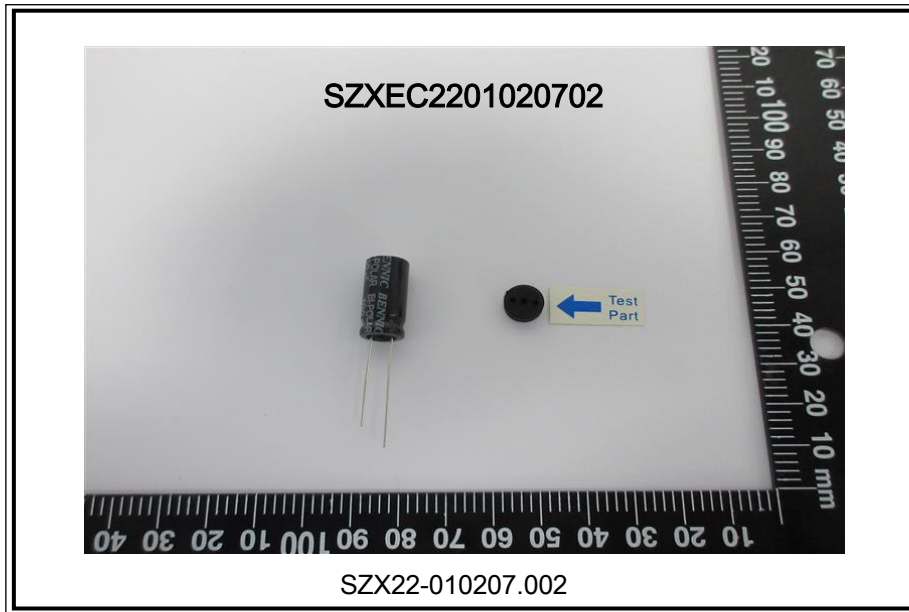
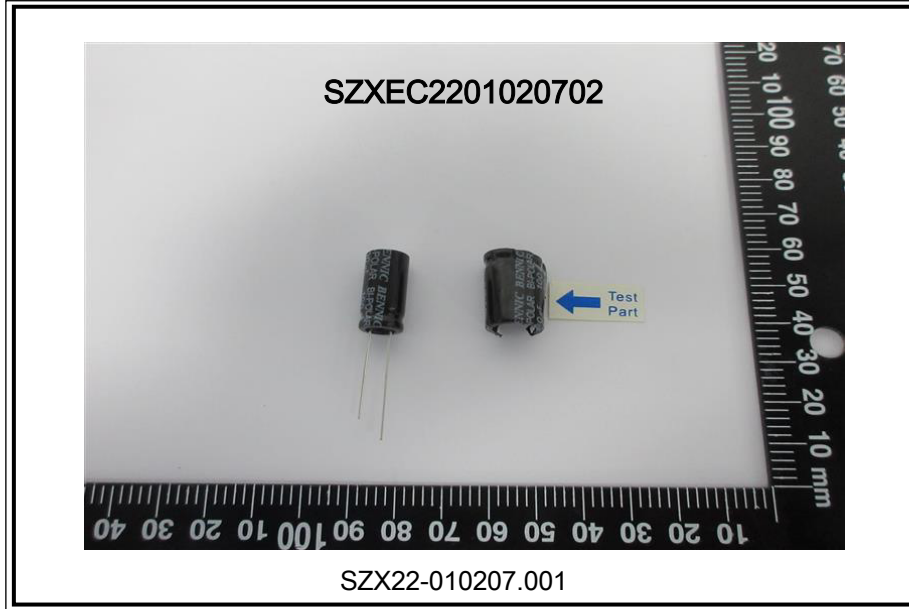
持久性、生物累积性和毒性 (PBT) 化学物质检测流程图



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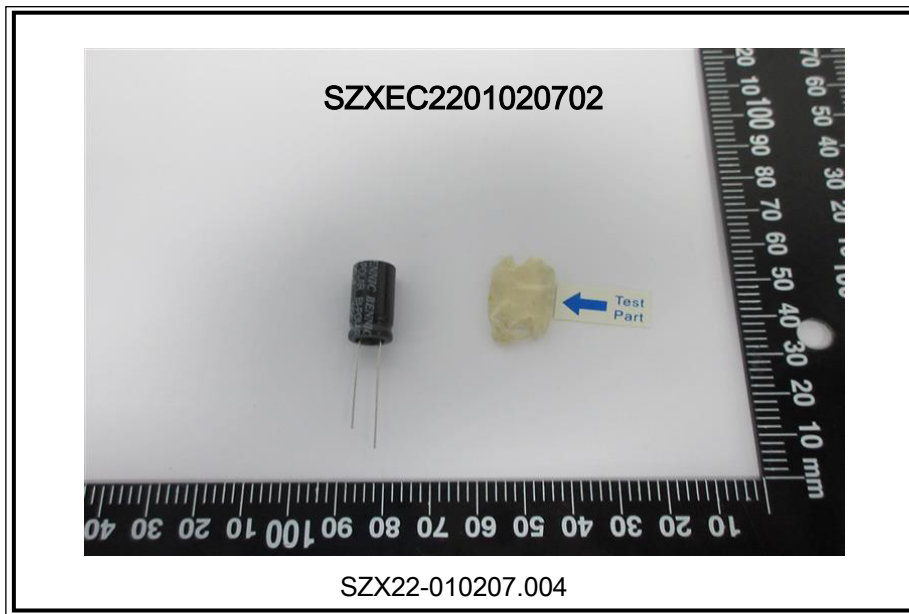
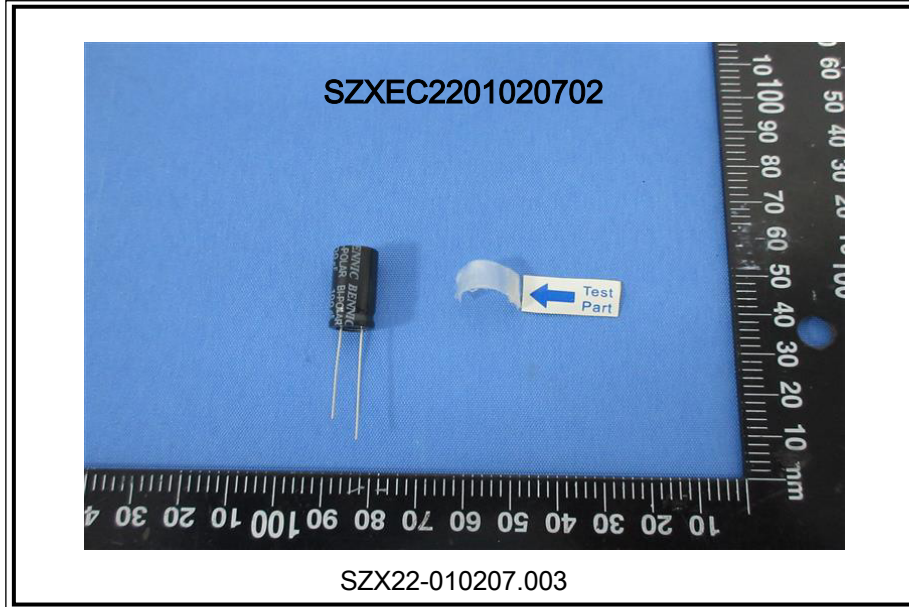
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