Customer: Anhui Surmount New Materials Co., Ltd.
客户名称: 安徽斯迈特新材料股份有限公司
Customer Address: NO. 60, WEI'ER ROAD, ZONE C, INDUSTRIAL PARK, LAI'AN COUNTY, CHUZHOU CITY, ANHUI PROVINCE
客户地址: 安徽省滁州市来安县工业园 C 区纬二路 60 号

Sample Name:	Modified silane sealant
样品名称:	改性硅烷密封胶
Model:	SMT-M18
型号:	SMT-M18
Lot No.:	20250422
批号:	20250422

The above samples and information are provided by the customer
以上样品及信息由客户提供

Sample Received Date:	Apr 25, 2025
样品接收日期:	2025 年 04 月 25 日
Test Period:	Apr 25, 2025 to Apr 29, 2025
检测周期:	2025 年 04 月 25 日 至 2025 年 04 月 29 日
Test Requirements:	Test according to customer requirement
检测要求:	根据客户要求检测
Test Method:	Please refer to next page(s)
检测方法:	参见下一页
Test Result:	Please refer to next page(s)
检测结果:	参见下一页
Test Conclusion:	**PASS**
检测结论	**符合**

Soar Testing Certification (GuangDong) Co., Ltd.

WRITTEN BY	REVIEWED BY	APPROVED BY
Zooey Zhang	Sunshine Liu	Eric Wu
张亚婷 Zooey Zhang	刘小芳 Sunshine Liu	吴峥荣 Eric Wu
		批准签署人 Approved signatory

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Result Summary:
检测结果概要:

Test Requested **检测要求**	**Conclusion** **结论**
1. RoHS Directive 2011/65/EU Annex II amending directive (EU)2015/863 1. RoHS 指令 2011/65/EU 附录Ⅱ的修正指令(EU)2015/863	
1) Lead, Mercury, Cadmium, Hexavalent Chromium Content 1) 铅、汞、镉、六价铬含量	**PASS** **符合**
2) PBBs and PBDEs Content 2) 多溴联苯和多溴二苯醚含量	**PASS** **符合**
3) Di-(2-ethylhexyl) phthalate(DEHP), Benzylbutyl phthalate(BBP), Dibutyl phthalate (DBP), Diisobutyl phthalate(DIBP) Content 3) 邻苯二甲酸二(2-乙基己基)酯(DEHP)、邻苯二甲酸苄基丁基酯(BBP)、邻苯二甲酸二丁酯(DBP)、邻苯二甲酸二异丁酯(DIBP)含量	**PASS** **符合**

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Test Result(s):
检测结果:
Description of test sample:
检测样品描述:

Sample No. 样品编号	Item / Component Description(s) 描述	Location(s) 部位	Style(s) / Model(s) 类别/型号
1	Modified silane sealant 改性硅烷密封胶	Refer to photo 详见照片	SMT-M18 SMT-M18

1. RoHS Directive 2011/65/EU Annex II amending directive (EU)2015/863
1. RoHS 指令 2011/65/EU 附录Ⅱ的修正指令(EU)2015/863
1) Lead, Mercury, Cadmium, Hexavalent Chromium Content
1) 铅、汞、镉、六价铬含量

Test method: Refer to EN 62321-4:2014+A1:2017, EN 62321-5:2014 and EN 62321-7-2:2017, analysis was performed by ICP-OES and UV-Vis.
检测方法：参考 EN 62321-4:2014+A1:2017, EN 62321-5:2014 和 EN 62321-7-2:2017，采用 ICP-OES 和 UV-Vis 进行分析。

Test Item 检测项目	Limit 限值	Unit 单位	MDL	Result 结果
				No.1
Lead (Pb) 铅(Pb)	1000	mg/kg	2	N.D.
Mercury (Hg) 汞(Hg)	1000	mg/kg	2	N.D.
Cadmium (Cd) 镉(Cd)	100	mg/kg	2	N.D.
Hexavalent Chromium (Cr(VI)) 六价铬(Cr(VI))	1000	mg/kg	2	N.D.
Conclusion 结论				Pass 符合

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Note:

1. mg/kg = milligram per kilogram = ppm
2. N.D. = Not Detected (< MDL)
3. MDL = Method detection limit
4. EN 62321 series is equivalent to IEC 62321 series

注释:

1. mg/kg = 毫克每千克 = ppm
2. N.D. = 未检出 (< 方法检出限)
3. MDL = 方法检出限
4. EN 62321 系列等同于 IEC 62321 系列

Note: This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days.

2) PBBs and PBDEs Content

2) 多溴联苯和多溴二苯醚含量

Test method: Refer to EN 62321-6:2015, analysis was performed by GC-MS.

检测方法：参考 EN 62321-6:2015，使用 GC-MS 进行分析。

Test Item 检测项目	Limit 限值	Unit 单位	MDL	Result 结果
				No.1
Sum of PBBs 多溴联苯总和(PBBs)	1000	mg/kg	-	N.D.
Sum of PBDEs 多溴二苯醚总和(PBDEs)	1000	mg/kg	-	N.D.
Monobromobiphenyl 一溴联苯	-	mg/kg	5	N.D.
Dibromobiphenyl 二溴联苯	-	mg/kg	5	N.D.
Tribromobiphenyl 三溴联苯	-	mg/kg	5	N.D.
Tetrabromobiphenyl 四溴联苯	-	mg/kg	5	N.D.
Pentabromobiphenyl 五溴联苯	-	mg/kg	5	N.D.
Hexabromobiphenyl 六溴联苯	-	mg/kg	5	N.D.
Heptabromobiphenyl 七溴联苯	-	mg/kg	5	N.D.
Octabromobiphenyl 八溴联苯	-	mg/kg	5	N.D.
Nonabromobiphenyl 九溴联苯	-	mg/kg	5	N.D.
Decabromobiphenyl 十溴联苯	-	mg/kg	5	N.D.
Monobromodiphenyl ether 一溴二苯醚	-	mg/kg	5	N.D.
Dibromodiphenyl ether 二溴二苯醚	-	mg/kg	5	N.D.
Tribromodiphenyl ether 三溴二苯醚	-	mg/kg	5	N.D.
Tetrabromodiphenyl ether 四溴二苯醚	-	mg/kg	5	N.D.
Pentabromodiphenyl ether 五溴二苯醚	-	mg/kg	5	N.D.

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Hexabromodiphenyl ether 六溴二苯醚	-	mg/kg	5	N.D.
Heptabromodiphenyl ether 七溴二苯醚	-	mg/kg	5	N.D.
Octabromodiphenyl ether 八溴二苯醚	-	mg/kg	5	N.D.
Nonabromodiphenyl ether 九溴二苯醚	-	mg/kg	5	N.D.
Decabromodiphenyl ether 十溴二苯醚	-	mg/kg	5	N.D.
Conclusion **结论**				Pass 符合

Note:

1. mg/kg = milligram per kilogram = ppm
2. N.D. = Not Detected (< MDL)
3. MDL = Method detection limit
4. "-" = Not Regulated
5. EN 62321 series is equivalent to IEC 62321 series

注释:

1. mg/kg = 毫克每千克 = ppm
2. N.D. = 未检出 (< 方法检出限)
3. MDL = 方法检出限
4. "-" = 未规定
5. EN 62321 系列等同于 IEC 62321 系列

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3) Di-(2-ethylhexyl) phthalate(DEHP), Benzylbutyl phthalate(BBP), Dibutyl phthalate (DBP), Diisobutyl phthalate(DIBP) Content

3) 邻苯二甲酸二(2-乙基己基)酯(DEHP)、邻苯二甲酸苄基丁基酯(BBP)、邻苯二甲酸二丁酯(DBP)、邻苯二甲酸二异丁酯(DIBP)含量

Test method: Refer to EN 62321-8:2017, Analysis was conducted by GC-MS.

检测方法：参考 EN 62321-8:2017，使用 GC-MS 进行分析。

Test Item 检测项目	Limit 限值	Unit 单位	MDL	Result 结果
				No.1
Di(2-ethylhexyl) phthalate (DEHP) 邻苯二甲酸二(2-乙基)己酯 (DEHP)	1000	mg/kg	50	N.D.
Benzyl butyl phthalate (BBP) 邻苯二甲酸苄基丁基酯 (BBP)	1000	mg/kg	50	N.D.
Dibutyl phthalate (DBP) 邻苯二甲酸二丁酯 (DBP)	1000	mg/kg	50	N.D.
Diisobutyl phthalate (DIBP) 邻苯二甲酸二异丁酯 (DIBP)	1000	mg/kg	50	N.D.
Conclusion 结论				Pass 符合

Note:

1. mg/kg = milligram per kilogram = ppm
2. N.D. = Not Detected (< MDL)
3. MDL = Method detection limit
4. EN 62321 series is equivalent to IEC 62321 series

注释:

1. mg/kg = 毫克每千克 = ppm
2. N.D. = 未检出 (< 方法检出限)
3. MDL = 方法检出限
4. EN 62321 系列等同于 IEC 62321 系列

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Remark:

1. As specified by applicant, to test content in the selected materials of the submitted samples. The test results are only responsible for the submitted sample.
2. The test report cannot be partially quoted or copied, without prior written permission of the company.
3. The test report is invalid if rewritten, added and deleted, without approved signature, or shall be invalid if it is not stamped with the special seal for testing.
4. The customer information, sample information, usage conditions and label information mentioned in the testing report are provided by the customer, and the customer is responsible for their authenticity. SOAR has not verified their authenticity.
5. The test report is not stamped with the qualification certification mark seal, only for customer research, teaching, internal quality control, product development and other activities.

备注：

1. 根据申请人的要求，对提交样品所选的材料进行检测，测试结果仅对提交的样品负责。
2. 检测报告未经本公司的书面许可，不得部分引述或复制报告。
3. 检测报告经涂改、增删、无批准人签字或未加盖本公司检验检测专用章无效。
4. 检测报告所述客户信息、样品信息、使用条件和标签信息等由客户提供，客户应对其真实性负责，腾飞未核实其真实性。
5. 本检测报告未加盖资质认定标志章，则仅用于客户科研、教学、内部质量控制、产品研发等活动。

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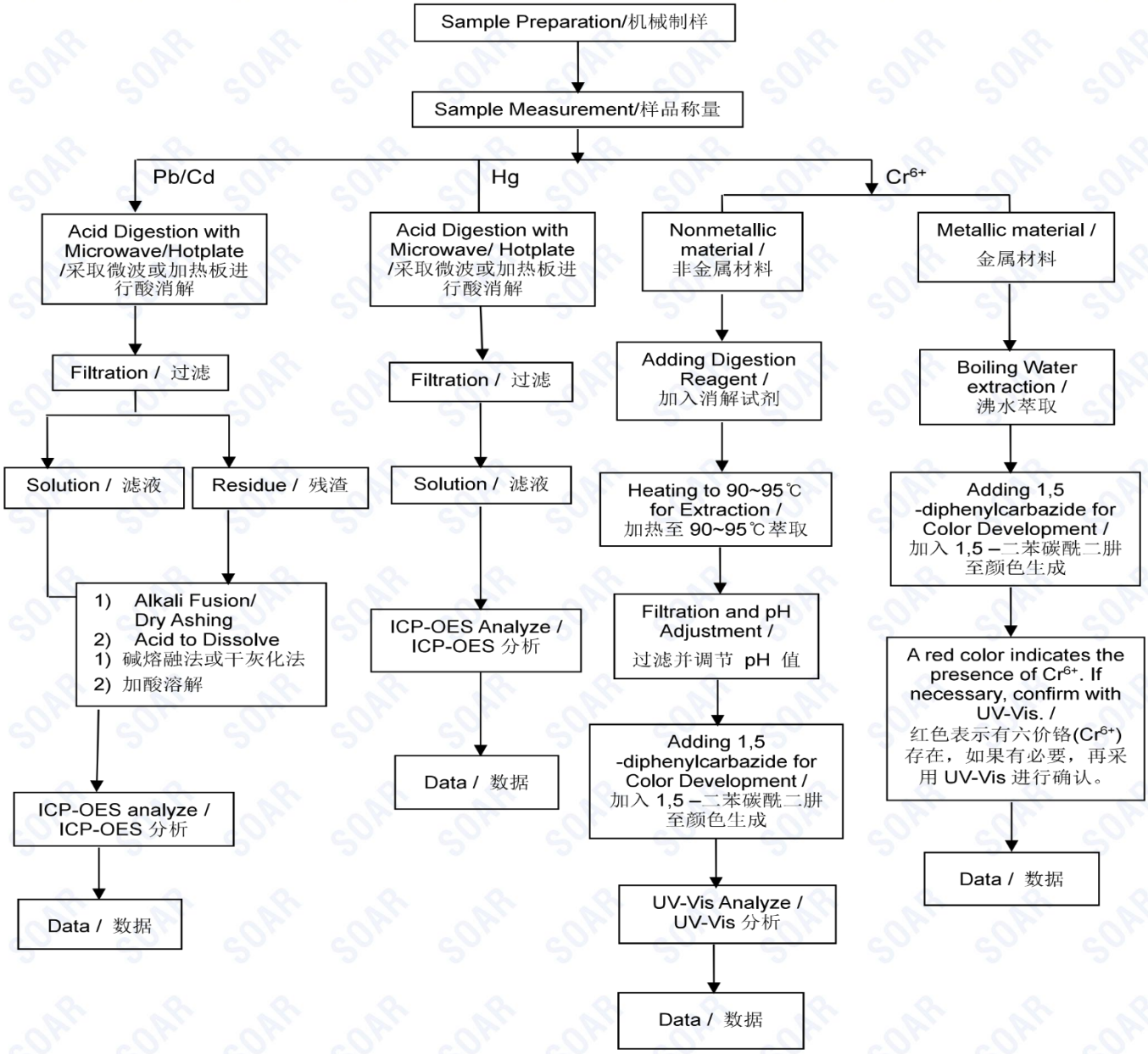
Pb/Cd/Hg/Cr(VI) Testing Flow Chart
Pb/Cd/Hg/Cr(VI) 检测流程图

1) These samples were dissolved totally by pre-conditioning method according to below flow chart (Cr^{6+} test method excluded)

1) 根据以下测试流程图样品在预处理方法中被完全溶解(Cr^{6+} 测试方法除外)。



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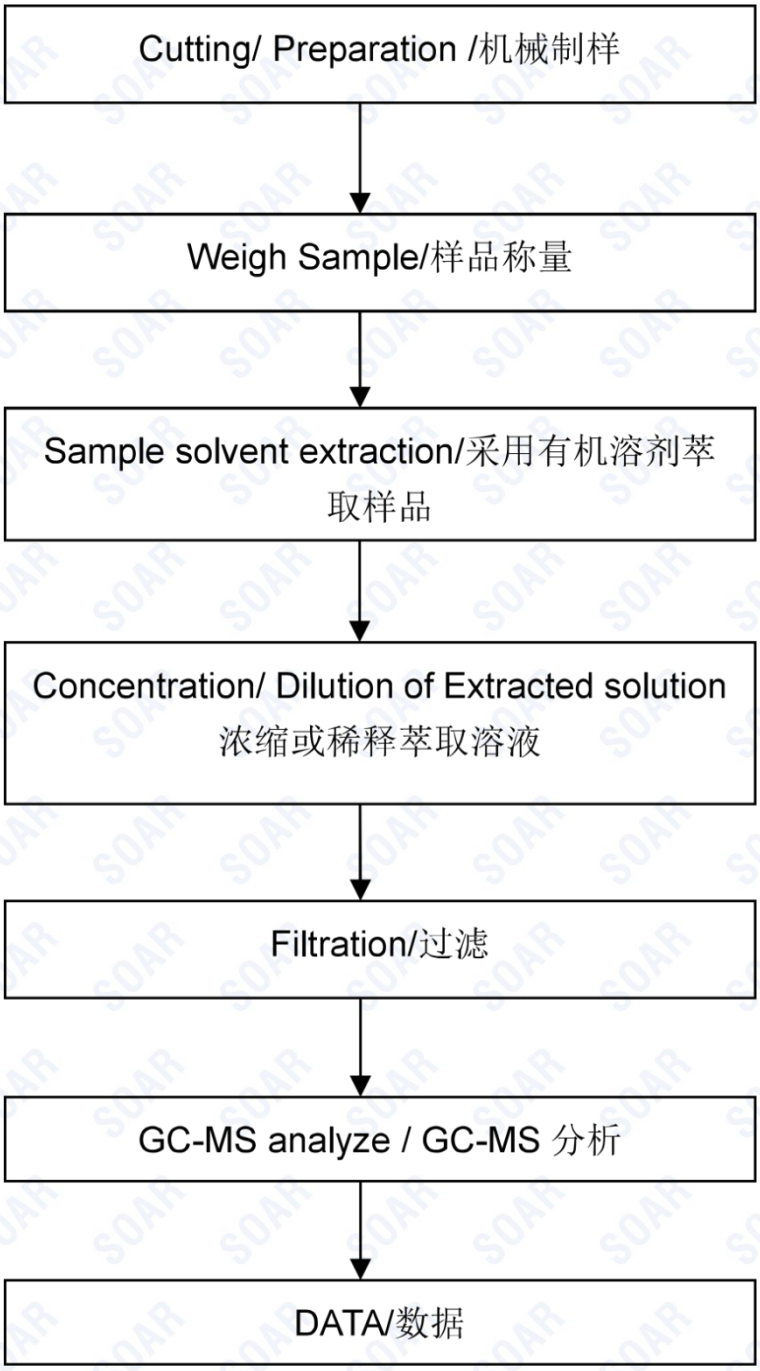
Polybrominated Biphenyls and Polybrominated Diphenyl Ethers(PBBs&PBDEs) Testing Flow Chart

多溴联苯&多溴联苯醚(PBBs&PBDEs) 检测流程图



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Phthalates Testing Flow Chart

邻苯二甲酸酯 检测流程图

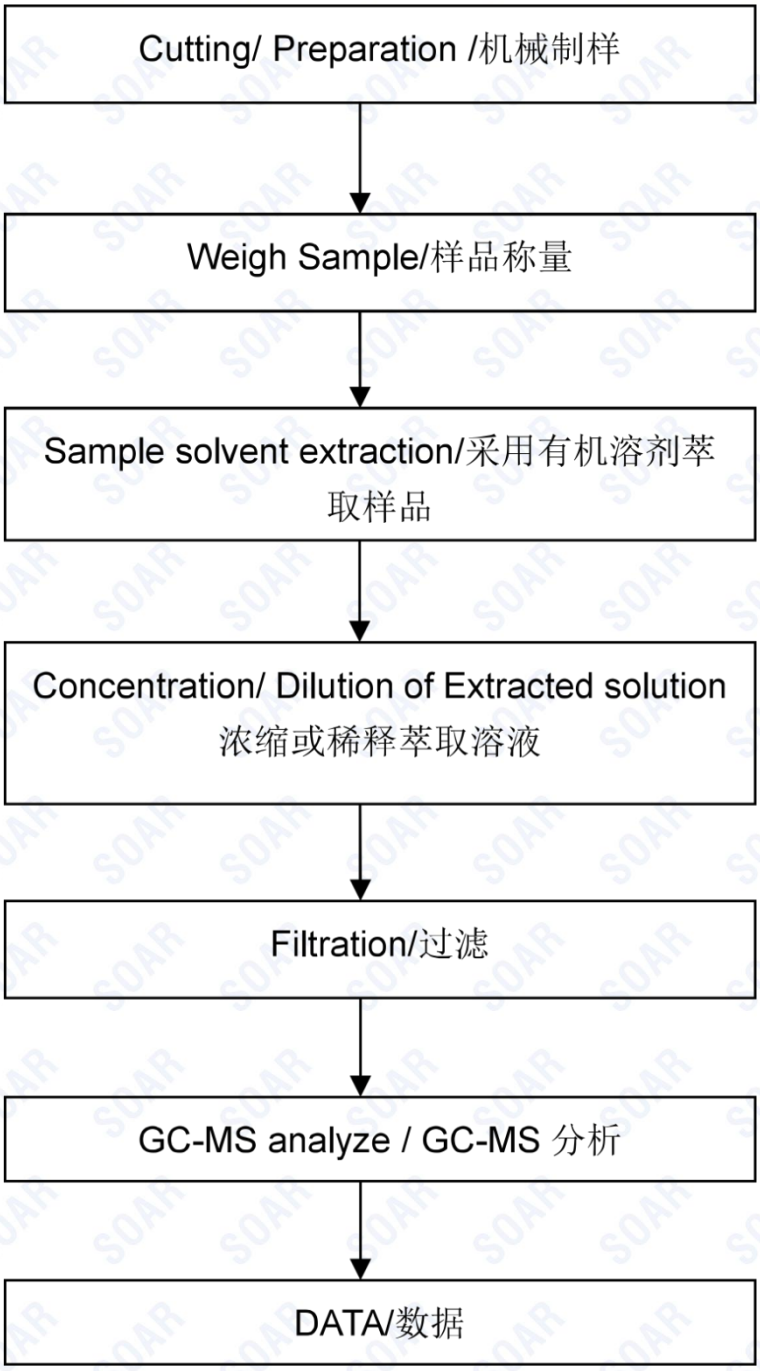

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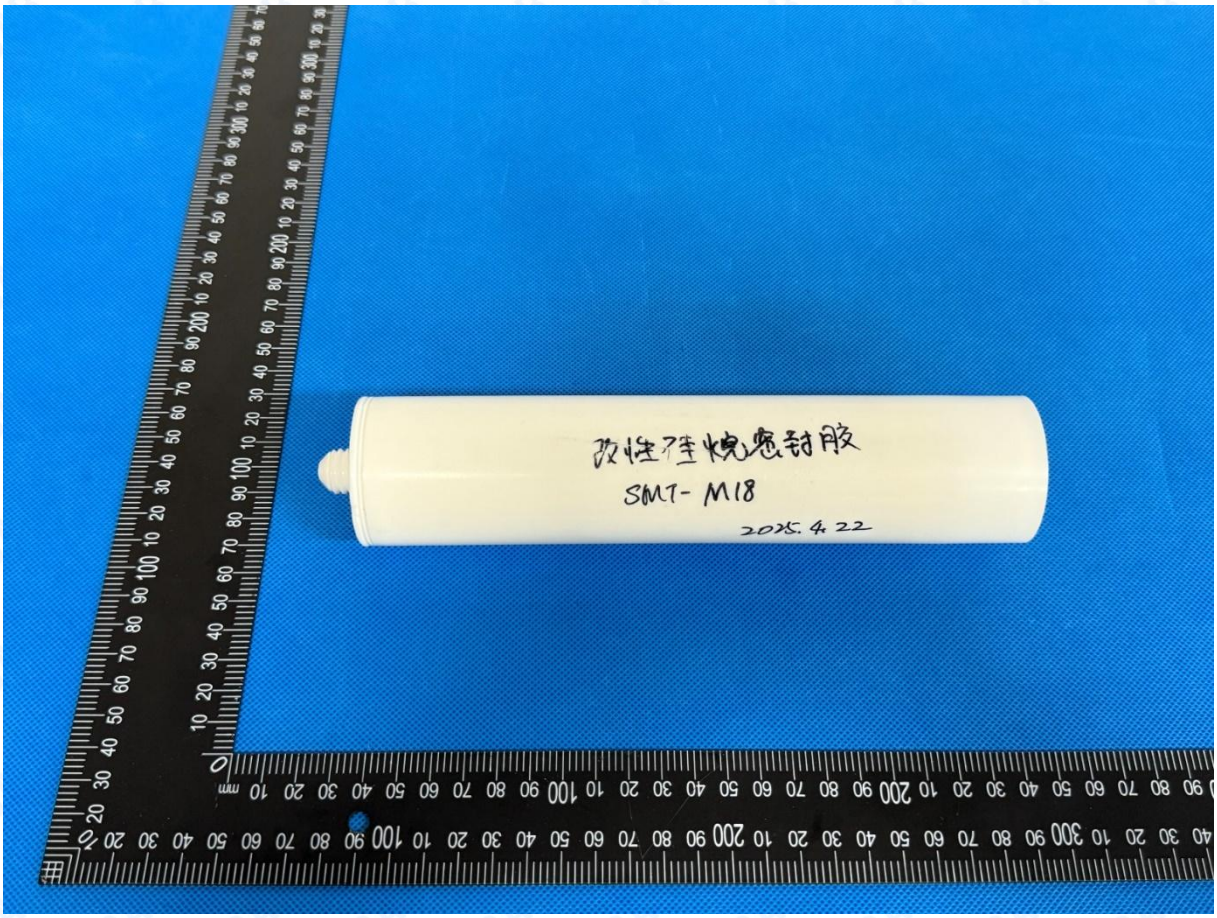
Photo of the Sample:

样品照片:

Test sample 测试样品



The photo is for use with SOAR original report only.

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*** End of Report ***

*** 报告结束 ***

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Post Code: 523945 **Tel:** (86-769) 38937518 **E-mail:** service@soar-cert.com **Website:** http://www.soartestlab.com