



Test Report  
检测报告

No.: S260121018001-1  
编号: S260121018001-1

Date: Jan 26, 2026  
日期: 2026 年 01 月 26 日

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Customer: Runpacet Polymer co.,Ltd

客户名称: 广东润配色聚合物有限公司

Customer Address: No.9-2,Wanma(Foshan)Intelligent Manufacturing In-dustrial Park,No.53Baoying Road,MingchengTown, Gaoming District,Foshan City

客户地址: 佛山市高明区明城镇宝盈路 53 号万马 (佛山) 智造产业园自编 9-2 号

Sample Name: PET frosted masterbatch  
样品名称: PET 磨砂色母粒

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: Jan 21, 2026

样品接收日期: 2026 年 01 月 21 日

Test Period: Jan 21, 2026 to Jan 26, 2026

检测周期: 2026 年 01 月 21 日 至 2026 年 01 月 26 日

Test Requirements: The submitted sample(s) were specifically tested according to 2011/65/EU,(EU)2015/863 by client's requirements.

检测要求: 根据委托方要求依据 2011/65/EU, (EU)2015/863 进行指定性检测。

Test Method: EN 62321-4:2014+A1:2017,EN 62321-5:2014,

检测方法: EN 62321-7-2:2017,EN 62321-6:2015,EN 62321-8:2017.

Test Result: Please refer to next page(s)

检测结果: 参见下一页

WRITTEN BY

Zooey Zhang

张亚婷 Zooey Zhang

REVIEWED BY

Sunshine Liu

刘小芳 Sunshine Liu

Soar Testing Certification (GuangDong) Co.,



批准签署人 Approved signatory

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Lab name: Soar Testing Certification (GuangDong) Co., Ltd.  
Post Code: 523945

Tel: (86-769) 38937518

Address: Room 1093, No.12, East of Houjie Avenue, Houjie, Dongguan, Guangdong, China  
E-mail: service@soar-cert.com

Website: http://www.soaritestlab.com



### 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)、邻苯二甲酸丁苄酯(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	Transparent sheet 透明片	Refer to photo 详见照片	/

Note: "/" = Customer does not provide.

注释: “/” = 客户未提供。

### 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: 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: 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 <sup>6+</sup> ) 六价铬(Cr <sup>6+</sup> )	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

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## 2) PBBs and PBDEs Content

### 2) 多溴联苯和多溴二苯醚含量

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

检测方法: 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.

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Pentabromodiphenyl ether 五溴二苯醚	-	mg/kg	5	N.D.
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)、邻苯二甲酸丁苄酯(BBP)、邻苯二甲酸二丁酯(DBP)、邻苯二甲酸二异丁酯(DIBP)含量

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

检测方法: 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-乙基己基)酯 (DEHP)	1000	mg/kg	50	N.D.
Benzylbutyl phthalate (BBP) 邻苯二甲酸丁苄酯(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
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3. MDL = 方法检出限
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Remark:

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2. The test report cannot be partially quoted or copied, without prior written permission of the company.
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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. If this test report is not stamped with the CMA 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。
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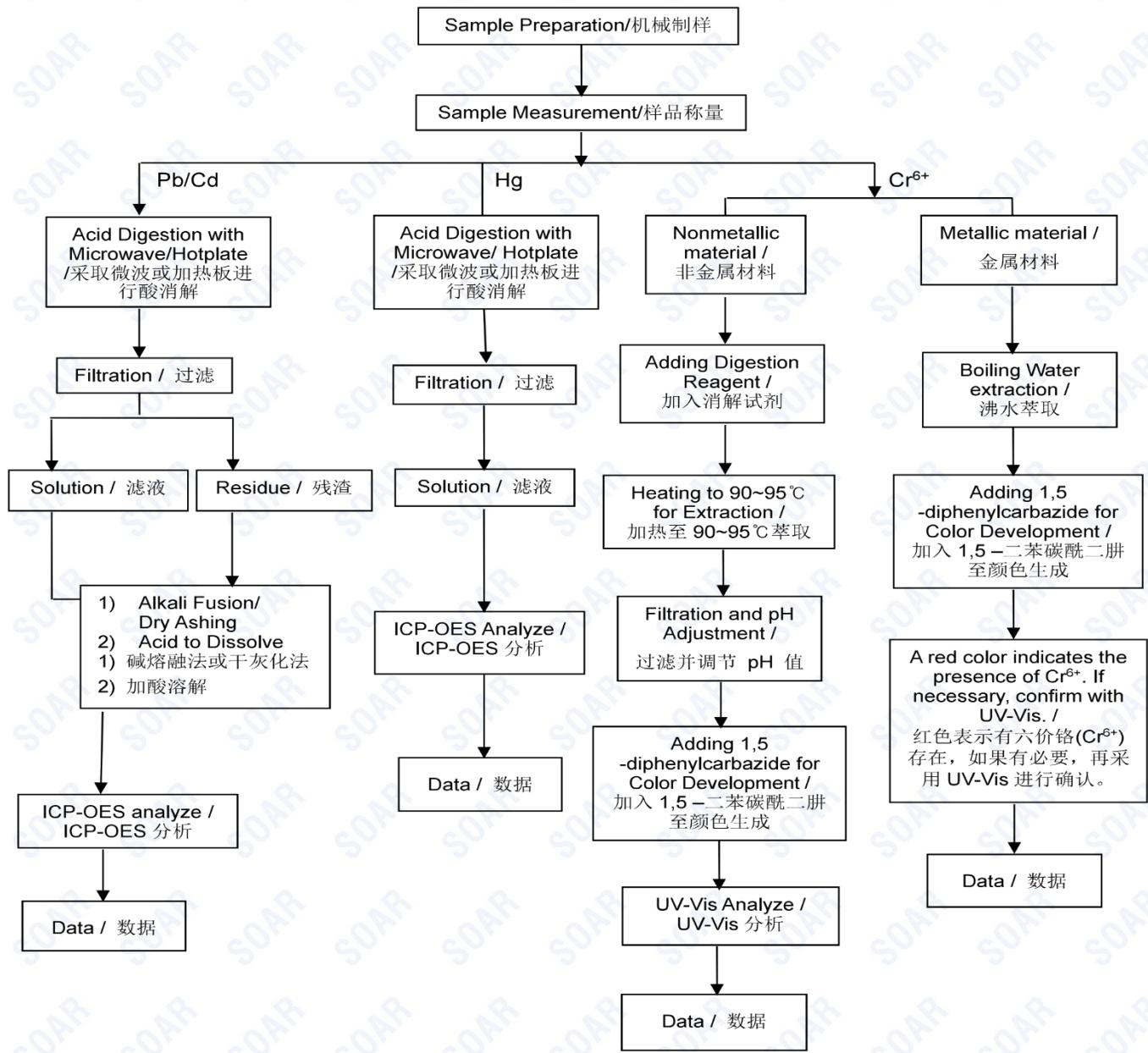
Address: Room 1093, No.12, East of Houjie Avenue, Houjie, Dongguan, Guangdong, China  
E-mail: service@soar-cert.com

Website: <http://www.soartestlab.com>

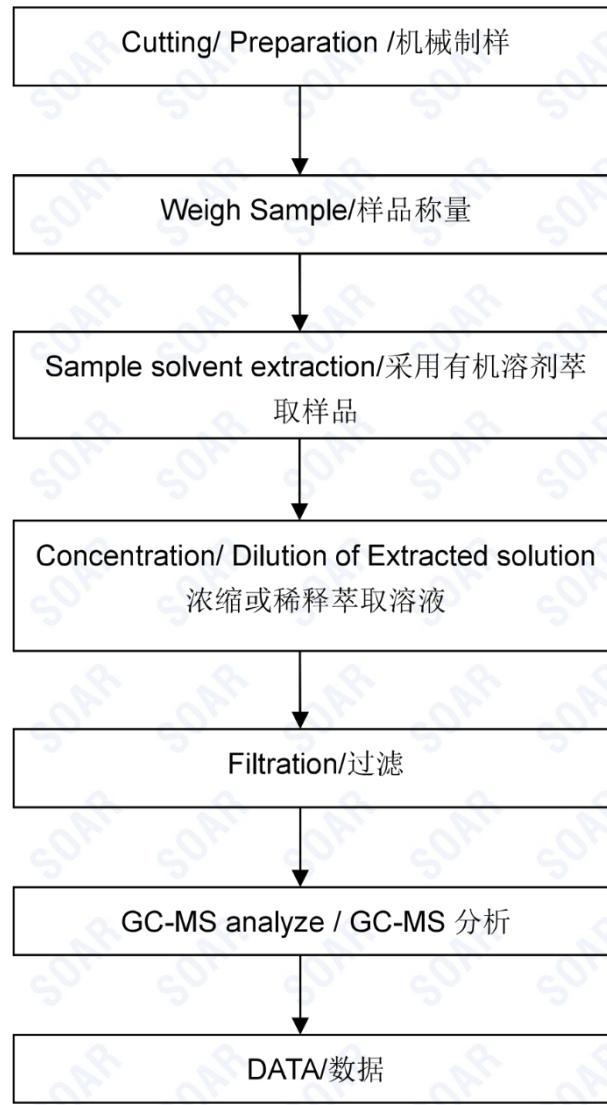
### Pb/Cd/Hg/Cr(VI) Testing Flow Chart

#### 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<sup>6+</sup> 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<sup>6+</sup> 测试方法除外)。



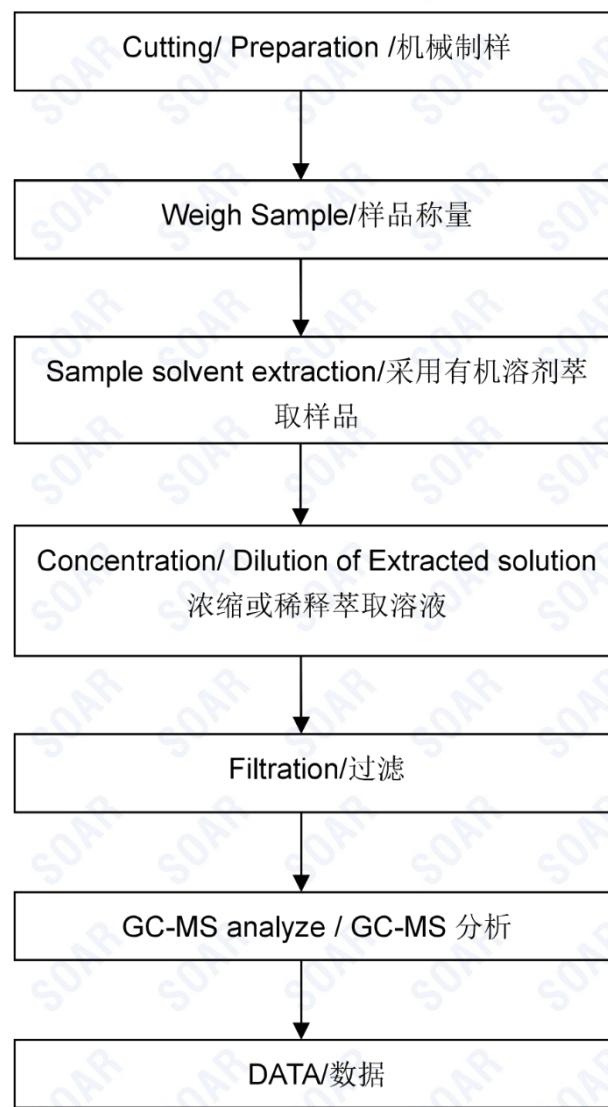
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**Polybrominated Biphenyls and Polybrominated Diphenyl Ethers(PBBs&PBDEs) Testing Flow Chart****多溴联苯&多溴联苯醚(PBBs&PBDEs) 检测流程图**

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**Phthalates Testing Flow Chart**

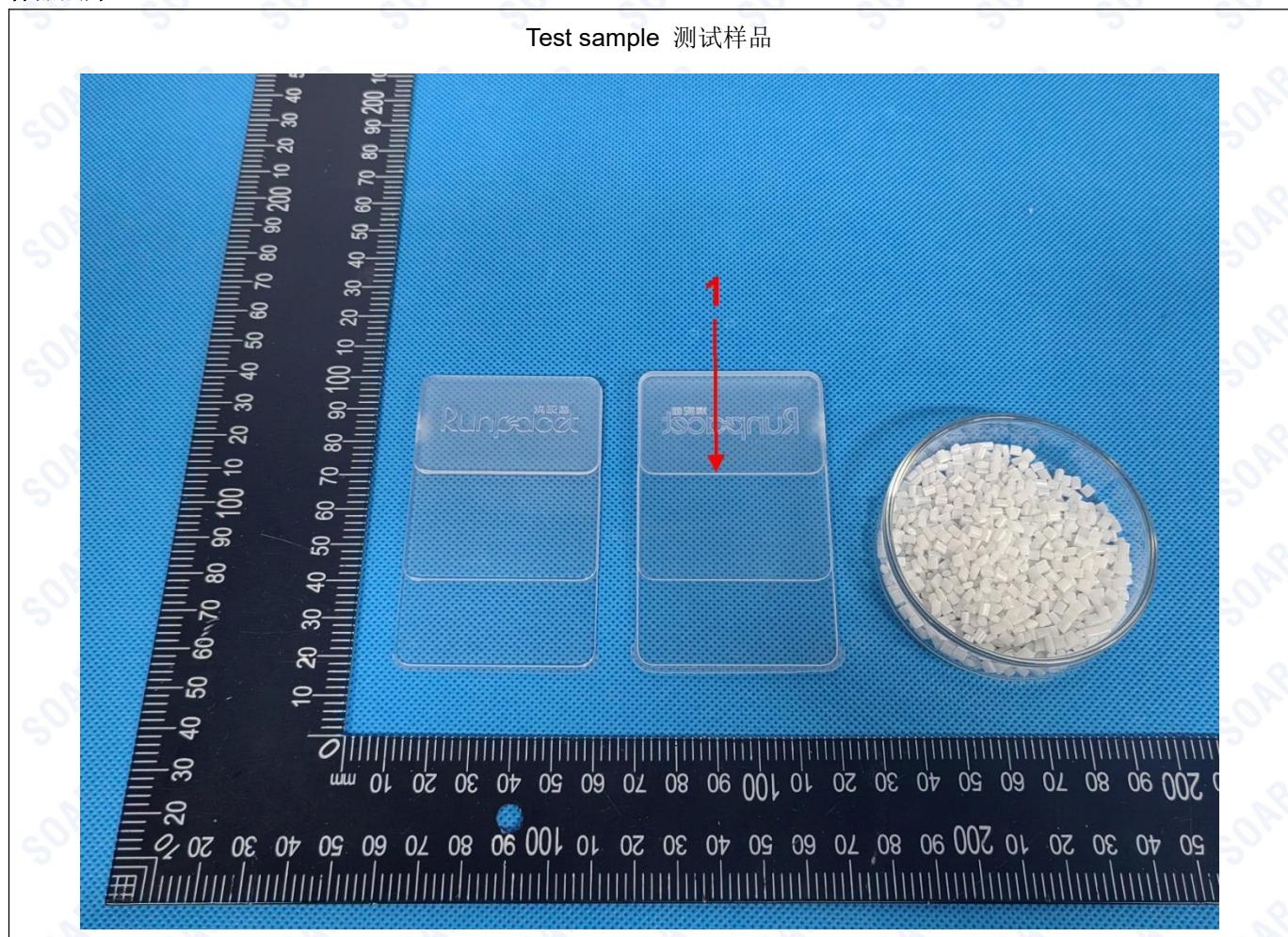
## 邻苯二甲酸酯 检测流程图



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**Photo of the Sample:**

样品照片:



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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