



中国认可  
国际互认  
检测  
TESTING  
CNAS L19581



Test Report  
检测报告

No.: S250912035001-1  
编号: S250912035001-1

Date: Sep 17, 2025  
日期: 2025年09月17日

Page 1 of 5  
第1页,共5页

Customer: GUANGDONG RUNPACET COLOR 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: Plastic color masterbatch

样品名称: 塑料色母粒

Materials: PE

材料/质: PE

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: Sep 12, 2025

样品接收日期: 2025年09月12日

Test Period: Sep 12, 2025 to Sep 17, 2025

检测周期: 2025年09月12日至2025年09月17日

Test Requirements: The submitted sample(s) were tested according to US FDA 21 CFR 177.1520 by client's requirements.

检测要求: 根据委托方要求依据 US FDA 21 CFR 177.1520 进行检测。

Test Method: According to US FDA 21 CFR 177.1520.

检测方法: 依据US FDA 21 CFR 177.1520。

Test Result: Please refer to next page(s)

检测结果: 参见下一页

### Result Summary:

#### 检测结果概要:

Test Requested 检测要求	Conclusion 结论
1. US FDA 21 CFR 177.1520—Extractable fraction in (n-hexane and xylene) US FDA 21 CFR 177.1520—正己烷回流提取物和二甲苯溶出物	PASS 符合

WRITTEN BY

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Sunshine Liu

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Soar Testing Certification  
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APPROVED BY

Frank W.

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批准签署人 Approved signatory

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Lab name: Soar Testing Certification (GuangDong) Co., Ltd.  
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第2页,共5页

### 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	Blue plastic 蓝色塑料	Refer to photo 详见照片	/

Note: "/"= Customer does not provide.

注释: "/" =客户未提供。

### 1. US FDA 21 CFR 177.1520—Extractable fraction in (n-hexane and xylene)

#### US FDA 21 CFR 177.1520—正己烷回流提取物和二甲苯溶出物

Test Method: FDA Density and Extraction on Polyethylene(PE):According to US FDA 21 CFR 177.1520.

检测方法: 依据 US FDA 21 CFR 177.1520, 针对聚乙烯进行密度和萃取物测试。

Test Items 检测项目	Limit 限值	Unit 单位	MDL	Result 结果
				No.1
Extractable fraction(n-hexane,50°C ,Reflux 2h) 提取物 (正己烷, 50°C 回流 2h)	5.5	%	0.5	N.D.
Soluble fraction(xylene,Reflux dissolution, 25°C) 溶出物 (二甲苯, 回流溶解, 25°C)	11.3	%	0.5	N.D.
Conclusion 结论				PASS 符合

Note:

1. %= Percentage by weight
2. N.D. = Not Detected (< MDL)
3. MDL = Method Detection Limit

备注:

1. %=重量百分比
2. N.D. = 未检出 (<方法检出限)
3. MDL = 方法检出限

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Remark 备注:

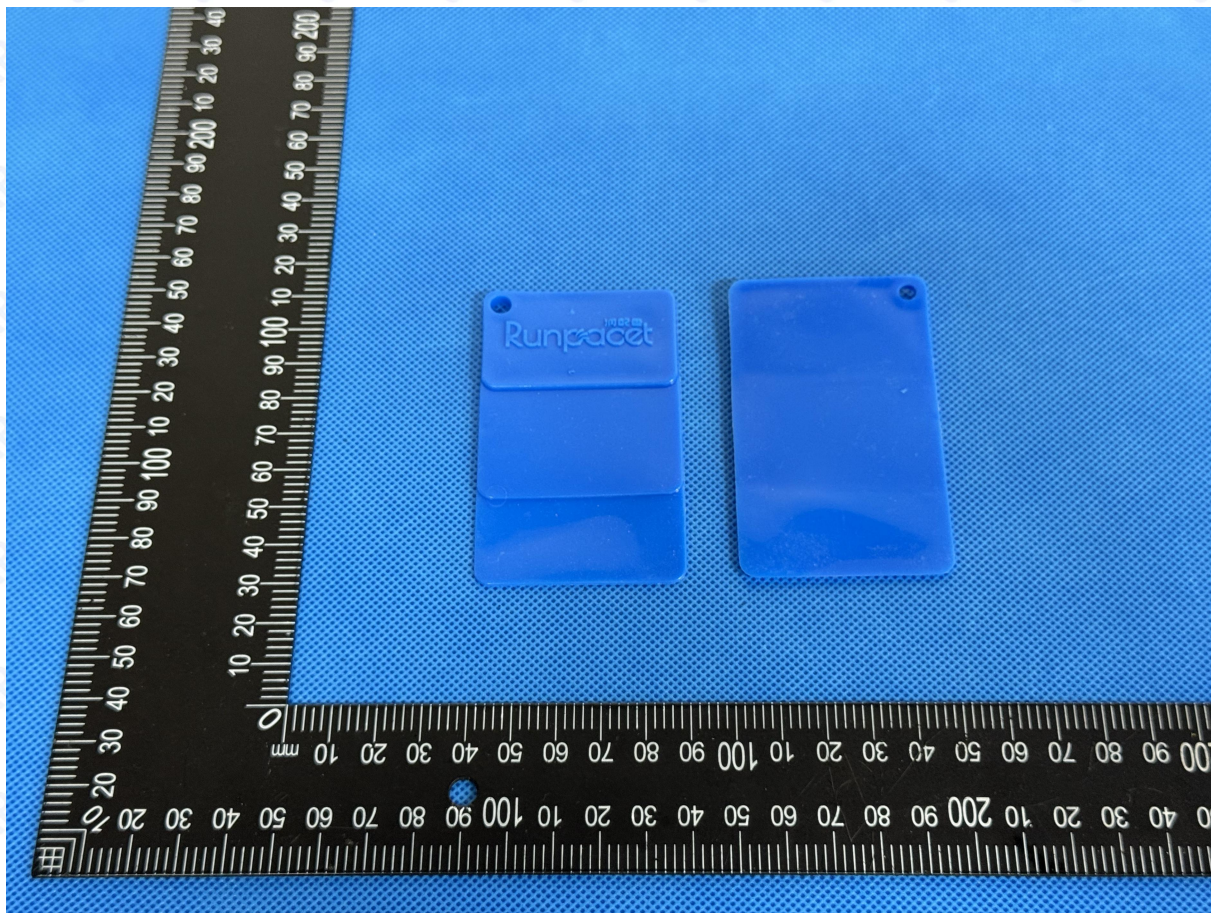
1. As specified by applicant, to test content in the selected materials of the submitted samples. The test results are only responsible for the submitted sample.  
根据申请人的要求, 对提交样品所选的材料进行检测, 测试结果仅对提交的样品负责。
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Photo of the Sample:  
样品照片:

Test sample 测试样品



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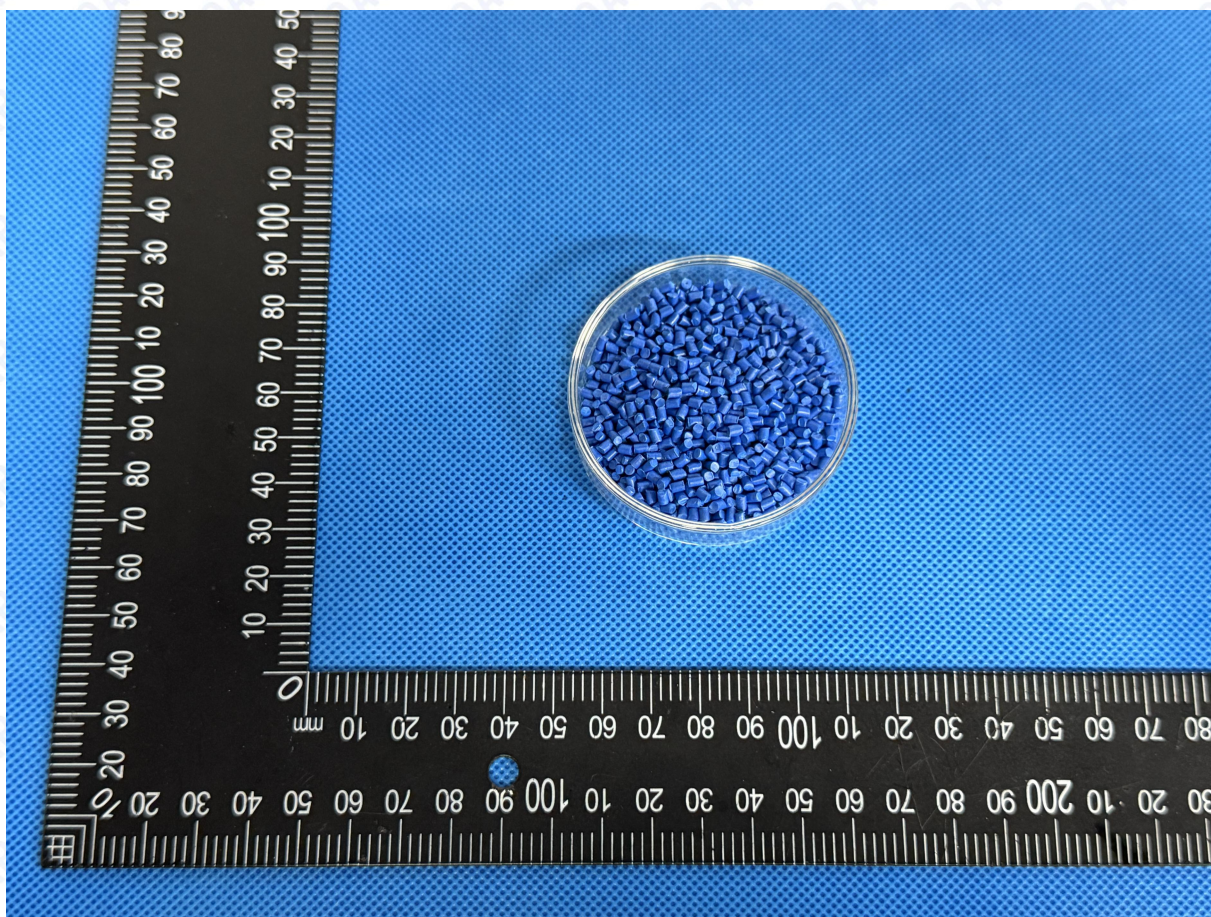
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**E-mail:** service@soar-cert.com

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Additional pictures are provided by the customer

客供附加图片



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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