



中国认可  
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检测  
TESTING  
CNAS L9381



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# Test Report

No.: ESZ2509180003C00102R

Date: Sept. 24, 2025

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**Applicant** : XIAMEN CHANGSU INDUSTRIAL CORPORATION LIMITED

**Address** : No.268,WENGJIAO ROAD,HAICANG DISTRICT,XIAMEN,CHINA

**The sample and sample information tested below are provided and confirmed by the applicant**

**Sample Name** : Biaxially oriented polyamide(nylon) film-TSA

**Model** : /

**Received Date** : Sept. 18, 2025

**Test Period** : Sept. 18, 2025~ Sept. 24, 2025

**Test Summary** :

Test Item	Conclusion
Fluorine(F), Chlorine(Cl), Bromine(Br), Iodine(I)	Pass

Remark: Pass: Meet the requirement; Fail: Doesn't meet the requirement; N/A: Without conclusions or provide test results only.



Signed for and on behalf of  
EMTEK(Suzhou) Co., Ltd

Prepared by: Carol  
Zhang Zhifei, Carol

Reviewed by: Damon  
Du Shi, Damon

Approved by: Jason  
Jiang Yufeng, Jason  
Authorized signatory  
Sept. 24, 2025

Test results are only responsible for delivered samples. This test report is issued by the company and is intended for your exclusive use. This test report includes all of the testes requested by you and the results thereof based upon the information that you provided. You have 30 days from data of issuance of this test report to notify us of any error or omission caused by our negligence. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.



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## Sample Description

(The sample and sample information tested below are provided and confirmed by the applicant)

Sample No.	Sample Number	Quantity	Material	Supplier
01	E2509180003-01-C	1pc	PA	XIAMEN CHANGSU INDUSTRIAL CORPORATION LIMITED

## Summary of Test Results

### 1. Fluorine(F), Chlorine(Cl), Bromine(Br), Iodine(I)

#### 1.1 Test Method

Test Item	Test Method
Fluorine(F), Chlorine(Cl), Bromine(Br), Iodine(I)	EN 14582:2016

#### 1.2 Test Instrument

Instrument Name	Instrument Manufacture	Instrument Model
IC	Thermo Fisher	ICS-900

#### 1.3 Test Result: Limit value reference to Halogen-free requirements IEC 61249-2-21: 2003.

Test Item	Result (mg/kg)	MDL (mg/kg)	Limit (mg/kg)
	01		
Fluorine(F)	N.D.	50	----
Chlorine(Cl)	N.D.	50	900
Bromine(Br)	N.D.	50	900
Iodine(I)	N.D.	50	----
Chlorine(Cl)+ Bromine(Br)	N.D.	/	1500

## Note

- 1) N.D. = Not Detected (Less than Detection Limit)
- 2) MDL= Method Detection Limit.
- 3) "----": IEC 61249-2-21: 2003 isn't Regulated Limit Requirement.

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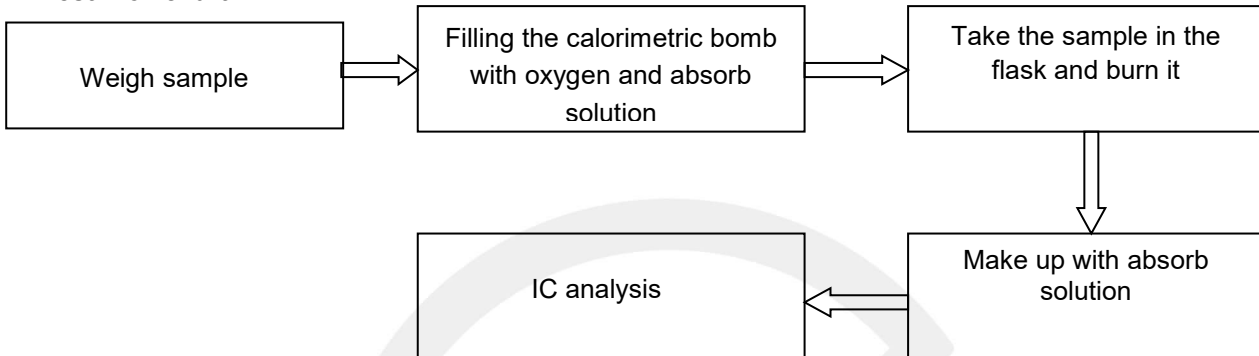
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## 1.4 Test Flowchart



## Sample Photos



\*\*\* End of Report \*\*\*

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