

# Test Report

No.: CANHL24024973701\_1

Date: Nov 20, 2024

Page 1 of 4

Client Name: XIAMEN CHANGSU INDUSTRIAL CORPORATION LIMITED

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

Sample Description: Biaxially oriented polyamide(nylon) film-EHA

The above sample(s) and information were provided by the client.

**THIS REPORT IS TO SUPERSEDE TEST REPORT NO.CANHL24024973701, DATE: Nov 18, 2024.**

SGS No.: XMHL2411007960CW

Sample Receiving Date: Nov 11, 2024

Testing Period: Nov 11, 2024 ~ Nov 18, 2024

Test Requested: Select test(s) as requested by the client.

Testing Performed: Follow selected test(s) as requested by client.

|   | Test Requirement  | Conclusion |
|---|---|------------|
| 1 | US FDA 21 CFR 177.1500 - Specific Gravity at 23°C       | Pass       |
| 2 | US FDA 21 CFR 177.1500 - Melting Point                  | Pass       |
| 3 | US FDA 21 CFR 177.1500 - Solubility in Boiling 4.2N HCl | Pass       |
| 4 | US FDA 21 CFR 177.1500 - Maximum Extractable Fraction   | Pass       |

Signed for and on behalf of  
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Ivy Ren  
Approved Signatory

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**Test Result(s):**

**Test Part Description:**

| SN ID | Sample No. | SGS Sample ID           | Description              | Material (claimed by the client) |
|-------|------------|-------------------------|--------------------------|----------------------------------|
| SN1   | A1         | CAN24-0249737-0001.C001 | Transparent plastic film | PA6                              |

**Remarks:**

- (1) mg/dm<sup>2</sup> = milligram per square decimeter  
 mg/inch<sup>2</sup> = milligram per square inches  
 µg/cm<sup>2</sup> = microgram per square centimeter  
 mg/L = milligram per litre  
 mg/kg = milligram per kilogram
- (2) °C = degree Celsius  
 °F = degree Fahrenheit
- (3) <= less than
- (4) RL = Reporting Limit
- (5) ND = Not Detected (< RL).

**US FDA 21 CFR 177.1500 - Specific Gravity at 23°C**

**Test Method:** With reference to US FDA 21 CFR 177.1500.

| Test Item(s)             | Limit       | Unit(s)           | A1          |
|--------------------------|-------------|-------------------|-------------|
| Specific Gravity at 23°C | 1.135-1.165 | g/cm <sup>3</sup> | 1.160       |
| <b>Comment</b>           |             |                   | <b>Pass</b> |

**Notes:**

- (1) Method(s) is/are not accredited by CNAS.

**US FDA 21 CFR 177.1500 - Melting Point**

**Test Method:** With reference to US FDA 21 CFR 177.1500.

| Test Item(s)   | Limit   | Unit(s) | A1          |
|----------------|---------|---------|-------------|
| Melting Point  | 392-446 | °F      | 433.4       |
| <b>Comment</b> |         |         | <b>Pass</b> |

**Notes:**

- (1) Method(s) is/are not accredited by CNAS.

**US FDA 21 CFR 177.1500 - Solubility in Boiling 4.2N HCl**

**Test Method:** With reference to US FDA 21 CFR 177.1500.



# Test Report

No.: CANHL24024973701\_1

Date: Nov 20, 2024

Page 3 of 4

| Test Item(s)                   | Limit               | A1          |
|--------------------------------|---------------------|-------------|
| Solubility in Boiling 4.2N HCl | Dissolves in 1 hour | Dissolved   |
| <b>Comment</b>                 |                     | <b>Pass</b> |

## US FDA 21 CFR 177.1500 - Maximum Extractable Fraction

**Test Method:** With reference to US FDA 21 CFR 177.1500.

| Simulant used   | Test Condition            | Limit | Unit(s) | RL   | A1   | Comment |
|-----------------|---------------------------|-------|---------|------|------|---------|
| 95% Ethanol     | Reflux Temperature, 8 hrs | 2.0   | %(w/w)  | 0.05 | 1.13 | Pass    |
| Benzene         | Reflux Temperature, 8 hrs | 1.0   | %(w/w)  | 0.05 | 0.06 | Pass    |
| Ethyl Acetate   | Reflux Temperature, 8 hrs | 1.0   | %(w/w)  | 0.05 | 0.15 | Pass    |
| Distilled water | Reflux Temperature, 8 hrs | 1.5   | %(w/w)  | 0.05 | 1.07 | Pass    |

This report updates Limit and Conclusion.

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule ( $w=0$ ) stated in ILAC-G8:09/2019.



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SGS-CSTC Standards Technical Services Co., Ltd.  
 Guangzhou Branch Technical Laboratory

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663  
 中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663

t (86-20) 82155555 www.sgsgroup.com.cn  
 t (86-20) 82155555 sgs.china@sgs.com

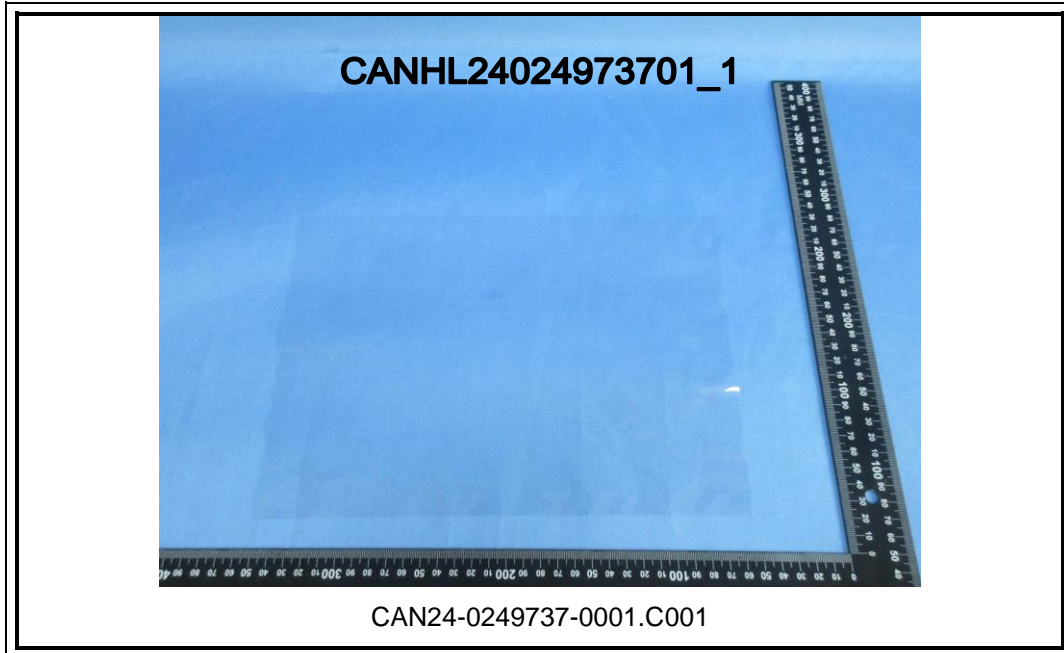
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No.: CANHL24024973701\_1

Date: Nov 20, 2024

Page 4 of 4

### Sample Photo:



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



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SGS-CSTC Standards Technical Services Co., Ltd.  
Guangzhou Branch, Technical Services CA, Guangzhou Branch

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663  
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663

t (86-20) 82155555 www.sgsgroup.com.cn  
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