

Test Report

No.: TSNPC25001673902

Date: Jun 18, 2025

Page 1 of 4

Client Name: SHENZHEN ESUN INDUSTRIAL CO.,LTD.

Client Address: 15A, MICROSOFT KETONG BUILDING, NO. 55 GAOXINNAN 9TH ROAD, HIGH TECH COMMUNITY, YUEHAI STREET, NANSHAN DISTRICT, SHENZHEN

Sample Name: PETG

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

SGS Job No.: TJPC2505000212(WHIN2505000449PL06)

Sample Receiving Date: May 12, 2025

Testing Period: May 12, 2025 ~ Jun 16, 2025

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

Test Method(s): Please refer to next page(s).

Test Result(s): Please refer to next page(s).

	Test Requirement	Comment
1	Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, (EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation - Overall Migration	Pass
2	Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004 - Sensorial examination odour and taste test	Pass

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Tianjin) Co., Ltd.

Reabeca Zhou

Reabeca Zhou
Approved Signatory

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Test Report

No.: TSNPC25001673902

Date: Jun 18, 2025

Page 2 of 4

Test Result(s):

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	A2	TSN25-0016739-0001.C002	transparent solid	PETG

Remarks:

- (1) mg/dm² = milligram per square decimeter
mg/inch² = milligram per square inches
μg/cm² = 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).

The ratio of surface area to volume

Sample No	Overall Migration
A2	10.0 dm ² /kg

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, (EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation - Overall Migration

Test Method: With reference to Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex III and Annex V for selection of condition and EN 1186-1:2002 for selection of test methods; EN 1186-3:2022 Test methods for overall migration in evaporable simulants

	Test Condition		
	20% Ethanol(V/V)	95% Ethanol	Isooctane
A2	40 °C, 10 days	40 °C, 10 days	20 °C, 2 days

Simulant used	Limit	Unit(s)	RL	A2 (1 st)	A2 (2 nd)	A2 (3 rd)	Stability	Comment
20% Ethanol(V/V)	10	mg/dm ²	3.0	ND	ND	ND	Compliant	Pass
95% Ethanol	10	mg/dm ²	3.0	ND	ND	ND	Compliant	Pass
Isooctane	10	mg/dm ²	3.0	ND	ND	ND	Compliant	Pass

Notes:

- (1) Analytical tolerance of evaporable simulants is 2 mg/dm².
- (2) Test condition & simulant were specified by client.
- (3) For repeated use, compliance of the material or article is verified on the basis of the level of the migration



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Test Report

No.: TSNPC25001673902

Date: Jun 18, 2025

Page 3 of 4

found in the third test and on the basis of the stability of the material or article from the first to the third migration test.

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004 - Sensorial examination odour and taste test

Test Method: With reference to DIN 10955: 2024.
No. of panelist: 6

Test Media	Test Condition
	A2
Distilled water	40 °C, 10 days

Test Item(s)	Limit	Unit(s)	A2
Area/Volume	-	dm ² /kg	10.0
Sensorial examination odour	2.5	-	0
Sensorial examination taste	2.5	-	0
Comment			Pass

Notes:

Intensity scale (rounded at 0.5):

- 0 – no perceptible difference
- 1 – just perceptible difference
- 2 – slight difference
- 3 – marked difference
- 4 – strong difference

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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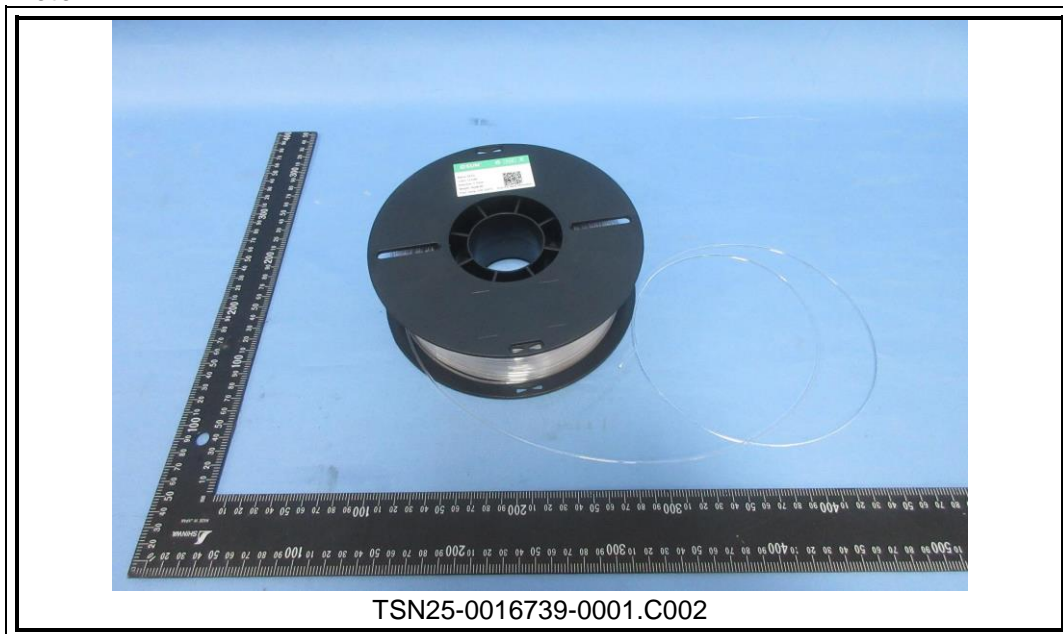
Test Report

No.: TSNPC25001673902

Date: Jun 18, 2025

Page 4 of 4

Sample Photo:



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*** End of Report ***



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