

# Test Report

No.: SHAEC25014097705\_1

Date: Sep 26, 2025

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Client Name: ZHENJING ZHENG YUAN SILICON MATERIAL CO., LTD

Client Address: NO.18 ZHONGLING ROAD,SANMAO STREET,YANGZHONG CITY,JIANGSU

Sample Name: Silicone rubber

Model No.: ZY8

Client Ref. Information: ZY-820 (Hardness: 20 Shore Durometer), ZY-830 (Hardness: 30 Shore Durometer), ZY-840 (Hardness: 40 Shore Durometer), ZY-850 (Hardness: 50 Shore Durometer), ZY-860 (Hardness: 60 Shore Durometer), ZY-870 (Hardness: 70 Shore Durometer), ZY-880 (Hardness: 80 Shore Durometer)

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

**THIS REPORT IS TO SUPERSEDE REPORT NO.SHAEC25014097705, DATE: Aug 08, 2025.**

SGS Job No.: SHP25-019146

Sample Receiving Date: Jun 11, 2025

Testing Period: Jun 11, 2025 ~ Jun 17, 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 | US FDA 21 CFR 177.2600 - Total Extractives | Pass    |

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

Carol Luo  
Approved Signatory

Scan to see the report



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**Test Result(s):**

**Test Part Description:**

| SN ID | Sample No. | SGS Sample ID           | Description             | Material (claimed by the client) |
|-------|------------|-------------------------|-------------------------|----------------------------------|
| SN1   | A.C001     | SHA25-0140977-0001.C001 | White translucent solid | Silicone Rubber                  |

**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 177.2600 - Total Extractives**

**Test Method:** With reference to US FDA 21 CFR 177.2600.

| Simulant used                         | Test Condition                | Limit | Unit(s)              | RL  | A.C001 | Comment |
|---------------------------------------|-------------------------------|-------|----------------------|-----|--------|---------|
| n-Hexane                              | Reflux<br>Temperature 7.0 hrs | 175   | mg/inch <sup>2</sup> | 0.5 | 10.5   | Pass    |
| n-Hexane Succeeding extraction        | Reflux<br>Temperature 2.0 hrs | 4     | mg/inch <sup>2</sup> | 0.5 | ND     | Pass    |
| Distilled water                       | Reflux<br>Temperature 7.0 hrs | 20    | mg/inch <sup>2</sup> | 0.5 | ND     | Pass    |
| Distilled water Succeeding extraction | Reflux<br>Temperature 2.0 hrs | 1     | mg/inch <sup>2</sup> | 0.5 | ND     | Pass    |

This report added Client Ref. Information.

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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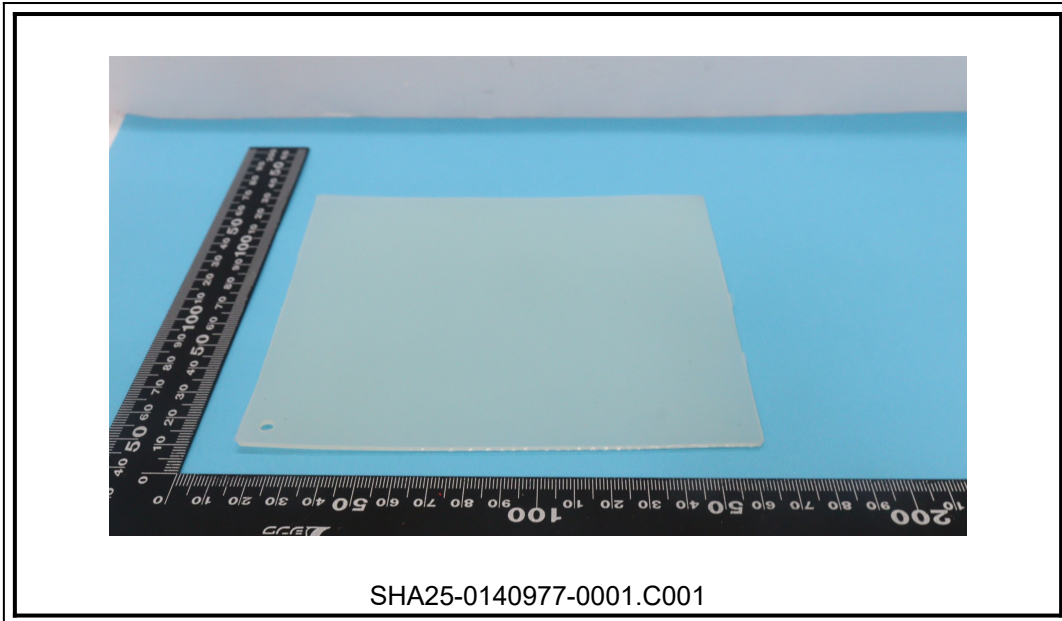
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### Sample Photo:



SGS authenticate the photo on original report only  
\*\*\* End of Report \*\*\*



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