

**TEST REPORT**

No.: AJFTS25005269R01\_EN

Date: Aug 15,2025

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**TIANCHANG RONGSHENG ORGANIC SILICONE CO.LTD**  
TIANCHANG CITY CONSTRUCTION EAST ROAD NO. 78

**Sample Description** : INSULATING SILICONE RUBBER  
**Color** : RED  
**Composition** : SILICON RUBBER  
**Style/Item No.** : 2260E

The above sample(s) data and information was / were submitted and identified on behalf of the client. SGS is not responsible for the authenticity, integrity and results of the data and information and / or the validity of the conclusion arising therefrom. Results apply to the sample as received.

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**SGS Ref. No.** : SHRT25000268R01  
**Sample Receiving Date** : Aug 05,2025  
**Testing Period** : Aug 05,2025 to Aug 14,2025  
**Test Required** : UL 94-2024, Standard for safety, Tests for Flammability of Plastic Materials for Parts in Devices and Appliances, Clause 8, 50W (20 mm) Vertical Burning Test; V-0, V-1, or V-2.  
**Test result(s)** : See attached sheet  
**Conclusion** : According to the test results and the classification system, the tested sample, when tested at a normal thickness of 3.50mm, **meets** the requirements of "UL 94, V-0".

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

Eva Zhang  
Approved signatory



**I. Test conducted**

This test was conducted in accordance with UL 94-2024, Standard for safety, Tests for Flammability of Plastic Materials for Parts in Devices and Appliances, clause 8, 50W (20 mm) Vertical Burning Test; V-0, V-1, or V-2.

**II. Scope of test**

The requirements of UL 94 cover tests for flammability of polymeric materials used for parts in devices and appliances. They are intended to serve as a preliminary indication of their acceptability with respect to flammability for a particular application. The final acceptance of the material is dependent upon its use in complete equipment that conforms with the standards applicable to such equipment.

**III. Sample details**

Sample description	Insulating silicone rubber
Color	Red
Size of sample	Length 125mm Width 13.0mm Thickness 3.50mm

**IV. Conditioning**

Prior to testing:

Five specimens were conditioned for at least 48 h at a temperature of 23±2 °C and a relative humidity of 50±10%,

Five specimens were conditioned in a circulating air oven for 168±2 h at 70±2 °C and then cooled in the desiccator for at least 4 h at room temperature.

**V. Test results**

1) Conditioned at: T: 23±2°C, R.H.: 50±10 %, at least 48 h

Specimen No.	t1 (s)	t2 (s)	t3 (s)	(t2+t3) (s)	(t1+t2) (s)	Afterflame or afterglow of any specimen up to the holding clamp (Yes/No)	Cotton indicator ignited by flaming particles or drops (Yes/No)
1	0	0	0	0	0	No	No
2	0	0	0	0		No	No
3	0	0	0	0		No	No
4	0	0	0	0		No	No
5	0	0	0	0		No	No



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2) Oven at: 70± 2°C 168± 2 h and then cooled in the desiccators for at least 4h

Specimen No.	t1 (s)	t2 (s)	t3 (s)	(t2+t3) (s)	(t1+t2) (s)	Afterflame or afterglow of any specimen up to the holding clamp (Yes/No)	Cotton indicator ignited by flaming particles or drops (Yes/No)
1	0	0	0	0	0	No	No
2	0	0	0	0		No	No
3	0	0	0	0		No	No
4	0	0	0	0		No	No
5	0	0	0	0		No	No

Where, t1: Afterflame time after first flame application  
 t2: Afterflame time after second flame application  
 t3: Afterglow time after second flame application

**Note:** Materials classified V-0, V-1 or V-2 shall comply with the following requirements

Criteria conditions	V-0	V-1	V-2
Afterflame time for each individual specimen t1 and t2	≤10s	≤30s	≤30s
Total after flame time for any condition set (t1 plus t2 for the 5 specimens)	≤50s	≤250s	≤250s
Afterflame plus afterglow time for each individual specimen after the second flame application (t2+t3)	≤30s	≤60s	≤60s
Afterflame or afterglow of any specimen up to the holding clamp	No	No	No
Cotton indicator ignited by flaming particles or drops	No	No	Yes

**STATEMENTS:**

This declaration of conformity is only based on the result of this laboratory activity, the impact of the uncertainty of the results was not included.

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**Photo Appendix:**



SGS authenticate the photo on original report only

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

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:85  
Anji Branch



SGS-CSST (Shanghai) Technical Services Co., Ltd.  
Anji Branch Inspection & Testing Service

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