

Test Report

No.: SHAEC26002364801

Date: Feb 11, 2026

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Client Name: ZHEJIANG XINAN CHEMICAL INDUSTRIAL GROUP CO.,LTD

Client Address: NO.1 XINAN BUILDING.JIANGBING MIDDLE ROAD,JIANDE,ZHEJIANG,P.R.CHINA

Sample Name: SILICONE RUBBE

Client Ref. Information: See attachment

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

SGS Job No.: SHP26-002588

Sample Receiving Date: Jan 23, 2026

Testing Period: Jan 23, 2026 ~ Feb 04, 2026

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, German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31 with amendments and BfR recommendation - Sensorial examination odour and taste test	Pass
2	Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31 with amendments and BfR recommendation - Colour release	Pass
3	Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31 with amendments and BfR recommendation - Polynuclear aromatic hydrocarbons (PAHs)	Pass
4	Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31 with amendments and BfR recommendation - Volatile Organic Matter(VOM)	Pass

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

Tom Ni

Tom Ni
Approved Signatory

Scan to see the report



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Chemical Laboratory

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	Test Requirement	Comment
5	Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31 with amendments and BfR recommendation - Total Lead and Cadmium	Pass

Test Result(s):

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	A1	SHA26-0023648-0001.C001	Translucent soft solid sheet	Silicone Rubber

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).

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31 with amendments and BfR recommendation - Sensorial examination odour and taste test

Test Method: With reference to DIN 10955: 2024.
No. of panelist: 3

Test Media	Test Condition
	A1 100°C, 4 hrs

Test Item(s)	Limit	Unit(s)	A1
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



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- 2 – slight difference
- 3 – marked difference
- 4 – strong difference

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31 with amendments and BfR recommendation - Colour release

Test Method: With reference to Kunststoffe im Lebensmittelverkehr, Part B II IX.

Simulant used	Limit	A1	Comment
10% Ethanol (V/V)	No colour release	Negative	Pass
2% acetic acid (W/W)	No colour release	Negative	Pass
DI Water	No colour release	Negative	Pass

Notes:

(1) Negative = No color release observed, Positive = Color release observed.

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31 with amendments and BfR recommendation - Polynuclear aromatic hydrocarbons (PAHs)

Test Method: With reference to AFPS GS 2019:01 PAK, analysis was performed by GC-MS.

Test Item(s)	CAS No.	Limit	Unit(s)	RL	A1
Benzo(a)pyrene(BaP)	50-32-8	0.2	mg/kg	0.2	ND
Benzo(e)pyrene(BeP)	192-97-2	0.2	mg/kg	0.2	ND
Benzo(a)anthracene(BaA)	56-55-3	0.2	mg/kg	0.2	ND
Benzo(b)fluoranthene(BbF)	205-99-2	0.2	mg/kg	0.2	ND
Benzo(j)fluoranthene(BjF)	205-82-3	0.2	mg/kg	0.2	ND
Benzo(k)fluoranthene(BkF)	207-08-9	0.2	mg/kg	0.2	ND
Chrysene(CHR)	218-01-9	0.2	mg/kg	0.2	ND
Dibenzo(a,h)anthracene(DBA)	53-70-3	0.2	mg/kg	0.2	ND
Benzo(g,h,i)perylene(BPE)	191-24-2	0.2	mg/kg	0.2	ND
Indeno(1,2,3-c,d)pyrene(IPY)	193-39-5	0.2	mg/kg	0.2	ND
Phenanthrene(PHE)	85-01-8	0.2	mg/kg	0.2	ND
Pyrene(PYR)	129-00-0	0.2	mg/kg	0.2	ND
Anthracene(ANT)	120-12-7	0.2	mg/kg	0.2	ND
Fluoranthene(FLT)	206-44-0	0.2	mg/kg	0.2	ND
Naphthalene(NAP)	91-20-3	0.2	mg/kg	0.2	ND
Acenaphthylene(ANY)	208-96-8	0.2	mg/kg	0.2	ND
Acenaphthene(ANA)	83-32-9	0.2	mg/kg	0.2	ND
Fluorene(FLU)	86-73-7	0.2	mg/kg	0.2	ND
Comment					Pass



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Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31 with amendments and BfR recommendation - Volatile Organic Matter(VOM)

Test Method: With reference to BfR test method-Determination of volatile compounds in silicone consumer products (09/2023).
Test condition: 200°C, 4 hrs

Test Item(s)	Limit	Unit(s)	RL	A1
Volatile organic matter (VOM)	0.5	%(w/w)	0.10	ND
Comment				Pass

Notes:

(1) %w/w =percentage of weight by weight

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31 with amendments and BfR recommendation - Total Lead and Cadmium

Test Method: Acidic digestion, analysis was performed by ICP-OES.

Test Item(s)	Limit	Unit(s)	RL	A1
Cadmium(Cd)	Absent	mg/kg	2	ND
Lead(Pb)	Absent	mg/kg	2	ND
Comment				Pass

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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Attachment:

The following model samples were treated with secondary vulcanization at 200°C×4h :

WRB2600 WRB2700 WRB2800 WRB-A2700 WRB-A2800 WRB3100 WRB3300 WRB-N2700 WRB-N2800 WRB-N3360 WRB-N3100 WRB-N3300 WRB-N9100 WRB-N9700 WRB-9150、WRB-8150 WRB171 TY2800 WRB-K2800 WRB-K260 WRB-L290 WRB-A3100 WRB-A3300 TY171 WRB-3230 WRB-3260 WRB-3290 WRB-A230 WRB-9230 WRB-9260 TY4171 TY5171 TY7151
WRB-K2800-30 WRB-K2800-30A WRB-K2800-40 WRB-K2800-40A WRB-K2800-50 WRB-K2800-50A WRB-K2800-60 WRB-K2800-60A WRB-K2800-55Z WRB-K2800-52 WRB-K2800-62 WRB-K2800-70A WRB-K2800-72 WRB-K2800-73 WRB-K2800-73Z WRB-K2800-75Z
WRB-K260-3A WRB-K260-3AT WRB-K260-4A WRB-K260-5A WRB-K260-5C WRB-K260-5AH WRB-K260-5B WRB-K260-6A WRB-K260-7A WRB-K260-7B
LTE28T4X LTE28T5X LTE28T6X LTE28T7X LTE28T8X TY171-50JS TY171-70JS WRB-A-2700



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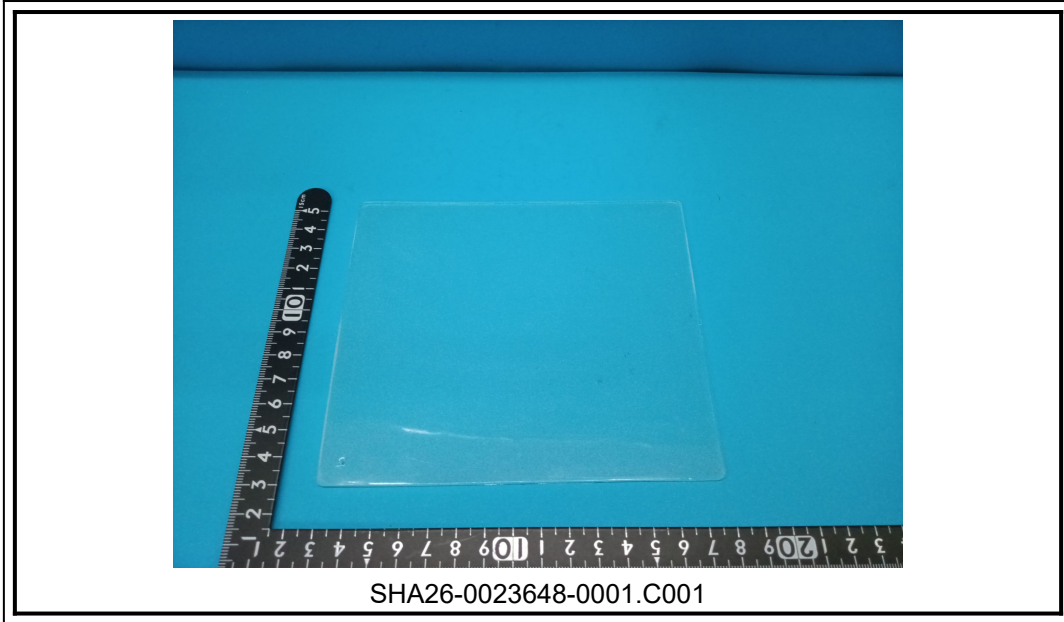
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Sample Photo:



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