

Test Report

No.: CANEC26006039109

Date: Mar 27, 2026

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Client Name: DONG GUAN TN SILICONE TECHNOLOGY CO.,LTD

Client Address: DONGAO INDUSTRIAL AREA TIANRAOBU VILLAGE HENGLI TOWN DONGGUAN CITY.

Sample Name: Silicone Rubber

Model No.: TN950

Client Ref. Information: TN89XX、TN9XX、TN9XXX (X stands for 0~9)

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

SGS Job No.: SZP26-012949

Sample Receiving Date: Mar 18, 2026

Testing Period: Mar 18, 2026 ~ Mar 26, 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	Conclusion
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 - Polynuclear aromatic hydrocarbons (PAHs)	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 Commission Regulation (EU) 2024/3190 - Hazardous bisphenols and bisphenol derivatives	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 Co., Ltd. Guangzhou Branch

Ivy Ren

Ivy Ren
Approved Signatory

Scan to see the report



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

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	Test Requirement	Conclusion
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 Platinum(Pt)	Pass
6	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	CAN26-0060391-0001.C001	Colorless transparent silicone	Silicone

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: 6

Test Media	Test Condition
Distilled water	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:



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Intensity scale (rounded at 0.5):

- 0 – no perceptible difference
- 1 – just perceptible difference
- 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 - 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

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 Commission Regulation (EU) 2024/3190 - Hazardous bisphenols and bisphenol derivatives

Test Method: With reference to SGS in house method, analysis was performed by LC-MS/MS.

Test Item(s)	CAS No.	Limit	Unit(s)	RL	A1
Bisphenol A (BPA)	80-05-7	ND	µg/kg	1	ND
Bisphenol F (BPF)	620-92-8	ND	µg/kg	1	ND
Bisphenol S (BPS)	80-09-1	ND	µg/kg	1	ND
4,4'-Isobutylethylidenediphenol	6807-17-6	ND	µg/kg	1	ND
Phenolphthalein	77-09-8	ND	µg/kg	1	ND
Bisphenol AF (BPAF)	1478-61-1	ND	µg/kg	1	ND
Tetrabromobisphenol A (TBBPA)	79-94-7	ND	µg/kg	1	ND



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Test Item(s)	CAS No.	Limit	Unit(s)	RL	A1
Comment					Pass

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 Platinum(Pt)

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

Test Item(s)	Limit	Unit(s)	RL	A1
Platinum(Pt)	50	mg/kg	20	ND
Comment				Pass

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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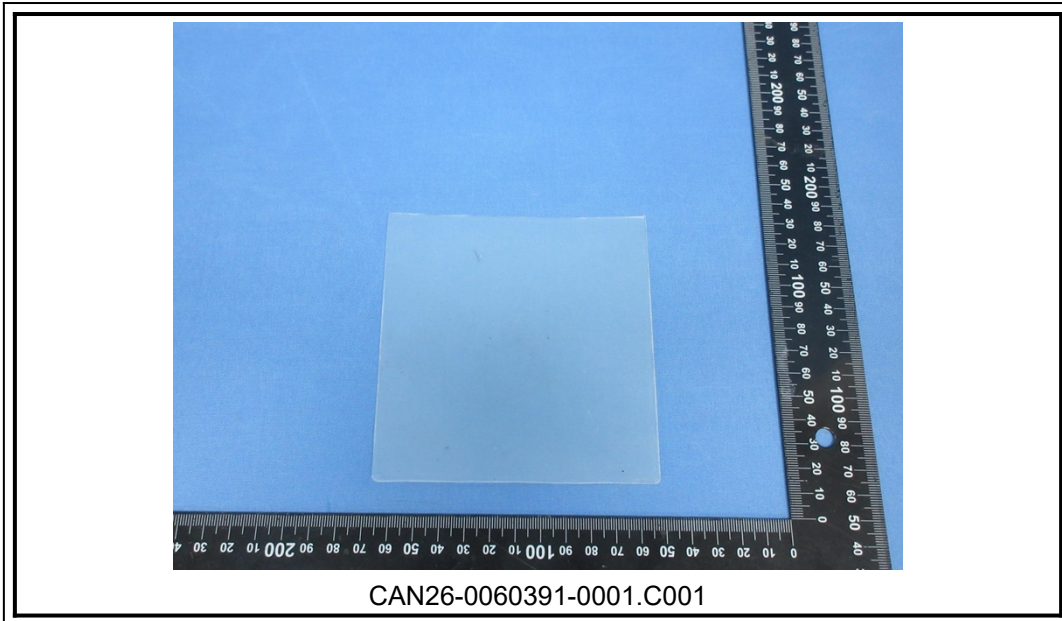
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Sample Photo:



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*** End of Report ***



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