Test Report

No.: SZXPC26004175101 **Date:** Jul 27, 2026

Client Name: SHANDONG KEDO NEW MATERIAL TECHNOLOGY CO, LTD

Client Address: 88M WEST OF THEINTERSECTION OF QINGHE NORTH ROAD AND GUIHUA BRANCH ROAD,TANZHUANG VILAGE INGGANGI TOWN CAO COUNTY. HEZE CITY. SHANDONG ROVINCE

Sample Name:	HTV silicone
Manufacturer:	Shandong Kedo new material Technology Co, LTD
Model No.:	KD-850
Other:	KD-810(XX), KD-820(XX)，KD-830(XX)，KD-840(XX)，KD-850(XX)，KD-860(XX)，KD-870(XX)，KD-880(XX)，KD-890(XX)，KD-6021(XX), KD-6031(XX)，KD-6041(XX)，KD-6051(XX)，KD-6061(XX)，KD-6071(XX)，KD-6081(XX)，KD-6091(XX)，KD-9021(XX), KD-9031(XX)，KD-9041(XX)，KD-9051(XX)，KD-9061(XX)，KD-9071(XX)，KD-9081(XX)，KD-9091(XX)，KD-530(XX)，KD-540(XX)，KD-550(XX)，KD-560(XX)，KD-570(XX)，KD-580(XX)，KD-590(XX)，KD-430(XX)，KD-440(XX)，KD-450(XX)，KD-460(XX)，KD-470(XX)，KD-480(XX)，KD-490(XX)

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

SGS Job No.:	SZIN2607004865PC07
Sample Receiving Date:	Jul 14, 2026
Testing Period:	Jul 14, 2026 ~ Jul 27, 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

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

Fay Yuan
Approved Signatory

Scan to see the report
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Verification:
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	Test Requirement	Conclusion
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 Commission Regulation (EU) 2024/3190 - Hazardous bisphenols and bisphenol derivatives	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 - Volatile Organic Matter(VOM)	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 - 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	001	SZX26-0041751-0001.C001	Colorless translucent material	HTV silicone

Remarks:

(1) mg/dm^2 = milligram per square decimeter
mg/inch^2 = milligram per square inches
μg/cm^2 = microgram per square centimeter
mg/L = milligram per litre
mg/kg = milligram per kilogram
(2) ℃ = degree Celsius
℉ = 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
	001
Distilled water	40 ºC, 10 days

Test Item(s)	Limit	Unit(s)	001
Area/Volume	-	dm²/kg	10.0
Sensorial examination odour	2.5	-	0.5
Sensorial examination taste	2.5	-	0.5

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Test Item(s)	Limit	Unit(s)	001
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

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	001
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
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℃, 4 hrs

Test Item(s)	Limit	Unit(s)	RL	001
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.

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Test Item(s)	Limit	Unit(s)	RL	001
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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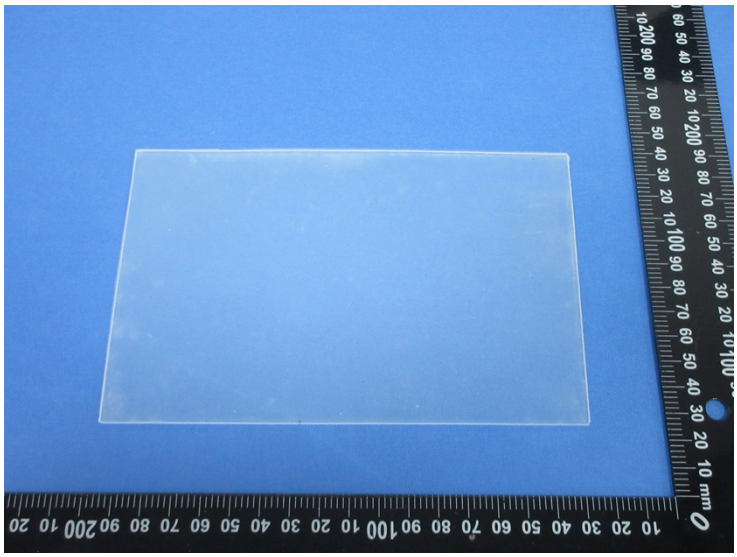
Sample Photo:



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SGS authenticate the photo on original report only

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