

## Test Report

No. TSNEC2303106001

Date: 17 Nov 2023

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Client Name : DONGJUE SILICONE(NANJING) CO.,LTD / ANHUI DONGJUE SILICONE CO., LTD

Client Address : NO.196 FUYIN ST.(E), QIAOLIN, PUKOU DISTRICT, NANJING CITY, JIANGSU PROVINCE, CHINA / NO. 8 MA ROAD, FINE CHEMICAL INDUSTRY BASE, WUJIANG TOWN, HE COUNTY, MA'ANSHAN CITY, ANHUI PROVINCE, CHINA

Sample Name : SILICONE RUBBER

Lot No. : NE-0970

Client Ref. Info. : SEE THE ATTACHMENT

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

SGS Job No. : TJP23-002585 - TJ

SGS Ref No. : MSRTJ2305735-01A

Date of Sample Received : 13 Nov 2023

Testing Period : 13 Nov 2023 - 17 Nov 2023

Test Requested : Selected 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).

### Result Summary :

Test Requested	Conclusion
German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments and BfR recommendation-Extractable component	PASS
German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments and BfR recommendation-Sensorial examination odour and taste test	PASS
German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments and BfR recommendation-Volatile organic matter (VOM)	PASS
German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments and BfR recommendation-Lead and Cadmium	PASS
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



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

*Jacky Liu*

Jacky Liu  
Approved Signatory



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Test Result(s) :

### Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	TSN23-031060.001	white silicone rubber sheet	silicone rubber

Remarks :

- (1) mg/dm<sup>2</sup> = milligram per square decimeter
- (2) mg/kg = milligram per kilogram
- (3) °C= degree Celsius
- (4) < = less than
- (5) MDL = Method Detection Limit
- (6) ND = Not Detected ( < MDL)

### German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments and BfR recommendation-Extractable component

Test Method : With reference to 61. Mitteilung über die Untersuchung von Kunststoffen, Bundesgesundheitsbl 46 (2003) 362.

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible Limit</u>	<u>Result of 001 Extractives</u>	<u>Conclusion</u>
Distilled water	4.0hr(s)	100°C	0.5% (w/w)	<0.1% (w/w)	PASS
3% Acetic Acid (W/V)	4.0hr(s)	100°C	0.5% (w/w)	<0.1% (w/w)	PASS
10% Ethanol (V/V)	4.0hr(s)	100°C	0.5% (w/w)	<0.1% (w/w)	PASS

Notes :

- (1) Test condition & simulant were specified by client

### German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments and BfR recommendation-Sensorial examination odour and taste test

Test Method : With reference to DIN 10955:2023  
Test media: Distilled water  
No. of panelist: 6



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<u>Test Item(s)</u>	<u>Limit</u>	<u>001</u>
Test time (hr(s))	-	2
Test Temperature (°C)	-	100
Sensorial examination odour	2.5	0.5
Sensorial examination taste	2.5	1.0
<b>Conclusion</b>		<b>PASS</b>

### Notes :

- (1) Intensity scale (rounded at 0.5):
  - 0 – no perceptible difference
  - 1 – just perceptible difference
  - 2 – slight difference
  - 3 – marked difference
  - 4 – strong difference
- (2) Standard sample: Distilled water
- (3) Method :Simple descriptive test

### German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 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 (03/2022).

### Sample 001

Test Condition : 200 °C 4.0 hr(s)

<u>Test Item(s)</u>	<u>Max. Permissible Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>Test result</u>
Volatile organic matter (VOM)	0.5	% (w/w)	0.10	0.22
<b>Conclusion</b>				<b>PASS</b>

### Notes :

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

### German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments and BfR recommendation-Lead and Cadmium

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



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Test Item(s)	Limit	Unit	MDL	001
Total Lead	★	mg/kg	2	ND
Total Cadmium	★	mg/kg	2	ND
<b>Conclusion</b>	<b>PASS</b>			

Notes :

(1) ★= Absent

**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	MDL	001
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
Phenanthrene(PHE)	85-01-8	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
Pyrene(PYR)	129-00-0	0.2	mg/kg	0.2	ND
Benzo(a)anthracene(BaA)	56-55-3	0.2	mg/kg	0.2	ND
Chrysene(CHR)	218-01-9	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
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
Indeno(1,2,3-c,d)pyrene(IPY)	193-39-5	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
<b>Conclusion</b>	<b>PASS</b>				

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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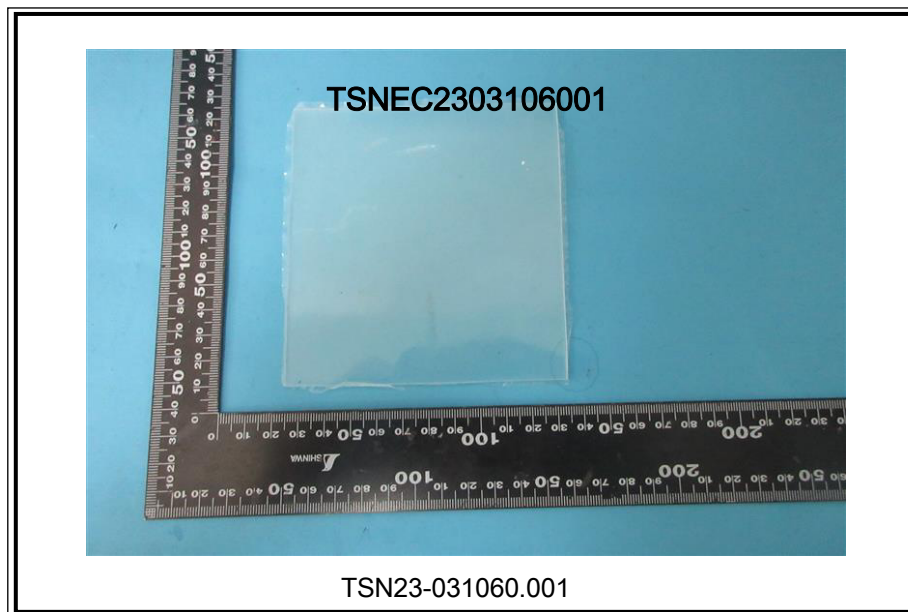
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### THE ATTACHMENT:

NE-0130、NE-0140、NE-0150、NE-0160、NE-0170、NE-0180  
NE-0930、NE-0940、NE-0950、NE-0960、NE-0980

Sample photo:



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