

Test Report

No. CANHG2022909402

Date: 07 Oct 2022

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JIANGSU ESONE NEW MATERIAL CO.,LTD

WEST END OF SOUTH THIRD RING ROAD, TAIXING, JIANGSU PROVINCE 225400

This report is to supersede test report CANHG2022909401

The following sample(s) was/were submitted and identified on behalf of the clients as : Silicone baking mat

SGS Job No. : GZHL2011058421CW-01 - GZ
 Manufacturer : JIANGSU ESONE NEW MATERIAL CO.,LTD
 Country of Origin : CHINA
 Date of Sample Received : 25 Sep 2022
 Testing Period : 25 Sep 2022 - 01 Oct 2022
 Test Requested : Selected test(s) as requested by client.
 Test Method : Please refer to next page(s).
 Test Results : Please refer to next page(s).

Result Summary :

Test Requested	Conclusion
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 & 31 with amendments and BfR recommendation –Extractable components	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 & 31 with amendments–Sensorial examination odour and taste test	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 & 31 with amendments and BfR recommendation–Lead and Cadmium	PASS
Polycyclic aromatic hydrocarbons (PAHs) Content	PASS



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

Catty Gong

Catty Gong
Approved Signatory



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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	CAN20-229094.001	Transparent silicone mat	silicone+fiberglass
SN2	CAN20-229094.002	Beige silicone mat	silicone+fiberglass

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 & 31 with amendments and BfR recommendation –Extractable components

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</u>	<u>Comment</u>
3% Acetic Acid (W/V) Aqueous Solution	4.0hr(s)	100°C	0.5%(w/w)	0.1%(w/w)	PASS

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible Limit</u>	<u>Result of 002</u>	<u>Comment</u>
3% Acetic Acid (W/V) Aqueous Solution	4.0hr(s)	100°C	0.5%(w/w)	0.2%(w/w)	PASS

Notes :
%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 & 31 with amendments– Sensorial examination odour and taste test

Test Method : With reference to DIN10955:2004,direct contact method.
No.of panelist:6

<u>Test Item(s)</u>	<u>Limit</u>	<u>001</u>	<u>002</u>
Test media	-	Distilled water	Distilled water
Test Temperature (°C)	-	100	100
Test time (hr)	-	4	4
Sensorial examination odour (Point scale)	2.5	0.0	0.0
Sensorial examination taste (Point scale)	2.5	0.0	0.0



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Test Item(s)	Limit	001	002
Comment		PASS	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 & 31 with amendments and BfR recommendation–Lead and Cadmium

Test Method : Microwave digestion (GZTC CHEM-TOP-004-01) , analysis was performed by ICP-OES.

Test Item(s)	Limit	Unit	MDL	001	002
Cadmium (Cd)	★	mg/kg	2	ND	ND
Comment				PASS	PASS
Lead (Pb)	★	mg/kg	2	ND	ND
Comment				PASS	PASS

Notes :

- 1. mg/kg = milligram per kilogram of sample
- 2. MDL=Method Detection Limit
- 3. ND= Not Detected(less than MDL)
- 4. ★= Absent

Polycyclic aromatic hydrocarbons (PAHs) Content

Test Method : With reference to AfPS GS 2014:01 PAK, analysis was performed by GC-MS.

Test Item(s)	CAS NO.	Limit	Unit	MDL	001
Sum of 18 PAHs	-	1.0	mg/kg	-	ND
Sum of 7 PAHs Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, Pyrene, Anthracene, Fluoranthene	-	1.0	mg/kg	-	ND
Naphthalene(NAP)	91-20-3	1.0	mg/kg	0.1	ND
Acenaphthylene(ANY)	208-96-8	-	mg/kg	0.1	ND
Acenaphthene(ANA)	83-32-9	-	mg/kg	0.1	ND

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Test Item(s)	CAS NO.	Limit	Unit	MDL	001
Fluorene(FLU)	86-73-7	-	mg/kg	0.1	ND
Phenanthrene(PHE)	85-01-8	-	mg/kg	0.1	ND
Anthracene(ANT)	120-12-7	-	mg/kg	0.1	ND
Fluoranthene(FLT)	206-44-0	-	mg/kg	0.1	ND
Pyrene(PYR)	129-00-0	-	mg/kg	0.1	ND
Benzo(a)anthracene(BaA)	56-55-3	0.2	mg/kg	0.1	ND
Chrysene(CHR)	218-01-9	0.2	mg/kg	0.1	ND
Benzo(b)fluoranthene(BbF)	205-99-2	0.2	mg/kg	0.1	ND
Benzo(j)fluoranthene(BjF)	205-82-3	0.2	mg/kg	0.1	ND
Benzo(k)fluoranthene(BkF)	207-08-9	0.2	mg/kg	0.1	ND
Benzo(a)pyrene(BaP)	50-32-8	0.2	mg/kg	0.1	ND
Benzo(e)pyrene(BeP)	192-97-2	0.2	mg/kg	0.1	ND
Indeno(1,2,3-c,d)pyrene(IPY)	193-39-5	0.2	mg/kg	0.1	ND
Dibenzo(a,h)anthracene(DBA)	53-70-3	0.2	mg/kg	0.1	ND
Benzo(g,h,i)perylene(BPE)	191-24-2	0.2	mg/kg	0.1	ND
Comment					PASS

Test Item(s)	CAS NO.	Limit	Unit	MDL	002
Sum of 18 PAHs	-	1.0	mg/kg	-	ND
Sum of 7 PAHs Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, Pyrene, Anthracene, Fluoranthene	-	1.0	mg/kg	-	ND
Naphthalene(NAP)	91-20-3	1.0	mg/kg	0.1	ND
Acenaphthylene(ANY)	208-96-8	-	mg/kg	0.1	ND
Acenaphthene(ANA)	83-32-9	-	mg/kg	0.1	ND
Fluorene(FLU)	86-73-7	-	mg/kg	0.1	ND
Phenanthrene(PHE)	85-01-8	-	mg/kg	0.1	ND
Anthracene(ANT)	120-12-7	-	mg/kg	0.1	ND
Fluoranthene(FLT)	206-44-0	-	mg/kg	0.1	ND
Pyrene(PYR)	129-00-0	-	mg/kg	0.1	ND
Benzo(a)anthracene(BaA)	56-55-3	0.2	mg/kg	0.1	ND
Chrysene(CHR)	218-01-9	0.2	mg/kg	0.1	ND
Benzo(b)fluoranthene(BbF)	205-99-2	0.2	mg/kg	0.1	ND
Benzo(j)fluoranthene(BjF)	205-82-3	0.2	mg/kg	0.1	ND
Benzo(k)fluoranthene(BkF)	207-08-9	0.2	mg/kg	0.1	ND
Benzo(a)pyrene(BaP)	50-32-8	0.2	mg/kg	0.1	ND
Benzo(e)pyrene(BeP)	192-97-2	0.2	mg/kg	0.1	ND
Indeno(1,2,3-c,d)pyrene(IPY)	193-39-5	0.2	mg/kg	0.1	ND

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Test Item(s)	CAS NO.	Limit	Unit	MDL	002
Dibenzo(a,h)anthracene(DBA)	53-70-3	0.2	mg/kg	0.1	ND
Benzo(g,h,i)perylene(BPE)	191-24-2	0.2	mg/kg	0.1	ND
Comment					PASS

Notes :

1. mg/kg = milligram per kilogram of sample
2. MDL=Method Detection Limit
3. ND= Not Detected(less than MDL)

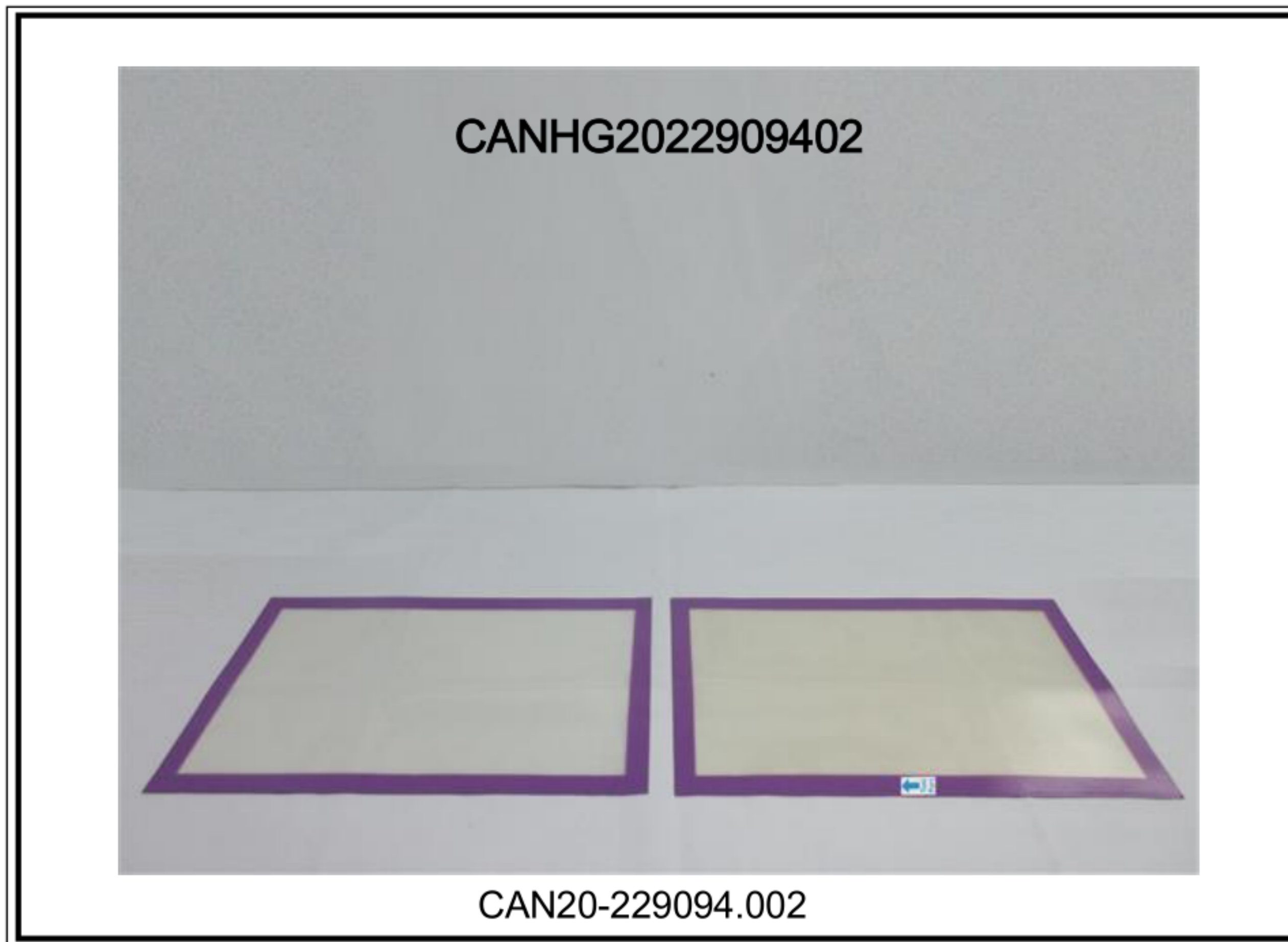
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