

# Test Report

No. CANHG1405516601

Date: 29 Apr 2014

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CHUANGXIN RUBBER PLASTIC & METAL CO.,LTD.

NO.1 HUASHENG RD., XINGHUA INDUSTRIAL, ZONE,RONGGUI, SHUNDE FOSHAN GUANGDONG CHINA

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

SGS Job No. : GZHG1404012763CW - GZ

Date of Sample Received : 18 Apr 2014

Testing Period : 18 Apr 2014 - 29 Apr 2014

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
French Arrêté du 25 Novembre 1992 and French Décret 2007-766 with amendments– Overall migration	PASS
French Arrêté du 25 Novembre 1992 and French Décret 2007-766 with amendments–Peroxide value	PASS
French Arrêté du 25 Novembre 1992 and French Décret 2007-766 with amendments–Specific Migration of Organotin (as Tin)	PASS
French Arrêté du 25 Novembre 1992 and French Décret 2007-766 with amendments –Volatile organic matter (VOM)	PASS

Conclusion : The tested parameters comply with the requirements stating under French Décret 2007-766 with amendments and Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004.

Signed for and on behalf of  
SGS-CSTC Ltd.



Catty Gong  
Approved Signatory

Remark: Unless otherwise stated the results shown in this test report refer only to the sample(s) tested, and this document cannot be used for publicity without approval of the Company.



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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	CAN14-055166.001	Blue silicone rubber	silicone rubber

**French Arrêté du 25 Novembre 1992 and French Décret 2007-766 with amendments– Overall migration**

Test Requested : As specified by client, to determine Overall migration from silicone rubber used in contact with food for compliance with French Arrêté du 25 Novembre 1992 and French Décret 2007-766 with amendments.

Test Method : With reference to EN 1186-1:2002 for selection of test method;  
or EN 1186-3:2002 aqueous food simulants by total immersion method;  
or EN1186-2:2002 olive oil by total immersion method;

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible Limit</u>	<u>Result of 001 Overall Migration</u>	<u>Comment</u>
Distilled Water	4.0hr(s)	100°C	10mg/dm <sup>2</sup>	<3.0mg/dm <sup>2</sup>	PASS
3% Acetic Acid (W/V) Aqueous Solution	4.0hr(s)	100°C	10mg/dm <sup>2</sup>	<3.0mg/dm <sup>2</sup>	PASS
50% Ethanol (V/V) Aqueous Solution	4.0hr(s)	100°C	10mg/dm <sup>2</sup>	<3.0mg/dm <sup>2</sup>	PASS
Rectified Olive Oil	2.0hr(s)	175°C	10mg/dm <sup>2</sup>	7.9mg/dm <sup>2</sup> *	PASS

Notes :

1. mg/dm<sup>2</sup> = milligram per square decimeter
2. °C = degree Celsius
3. Test condition & simulant were specified by client.
4. The test data is obtained by considering the articles intended for repeated use as per described in Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex V. Report the 3rd extractive result.
5. \*=Reduction factor of 3 is applied according to Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex III, reference number 02.05 and the end use of product is specified by client.

**French Arrêté du 25 Novembre 1992 and French Décret 2007-766 with amendments– Peroxide value**

Test Requested : As specified by client, to determine Peroxide value from Silicone rubber used in contact with food for compliance with French Arrêté du 25 Novembre 1992 and French Décret 2007-766 with amendments.



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Guangzhou Branch / 广州通标标准技术服务有限公司

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Test Method : With reference to European Pharmacopoeia(2005).

<u>Test Item(s)</u>	<u>Limit</u>	<u>001</u>
Peroxide Value	Absent	Absent
<b>Comment</b>		<b>PASS</b>

**French Arrêté du 25 Novembre 1992 and French Décret 2007-766 with amendments–Specific Migration of Organotin (as Tin)**

Test Requested : As specified by client, to determine Specific Migration of Organotin (as tin) from Silicone rubber used in contact with food for compliance with French Arrêté du 25 Novembre 1992 and French Décret 2007-766 with amendments.

Test Method : With reference to EN 13130-1:2004 for selection of test method, analysis was performed by ICP-OES.

**Sample 001**

Simulant Used : 3% Acetic Acid (W/V) Aqueous Solution

Test Condition : 100 °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>
Specific Migration of Organotin (as Tin)	0.1	mg/kg	0.01	ND
<b>Comment</b>				<b>PASS</b>

Notes :

1. mg/kg = milligram per kilogram of foodstuff in contact with
2. °C = degree Celsius
3. MDL=Method Detection Limit
4. ND = Not Detected(less than MDL)

**French Arrêté du 25 Novembre 1992 and French Décret 2007-766 with amendments –Volatile organic matter (VOM)**

Test Requested : As specified by client, to determine Volatile organic matter (VOM) content from Silicone rubber used in contact with food for compliance with French Arrêté du 25 Novembre 1992 and French Décret 2007-766 with amendments.

Test Method : With reference to French Arrêté du Novembre 1992 Annex III.



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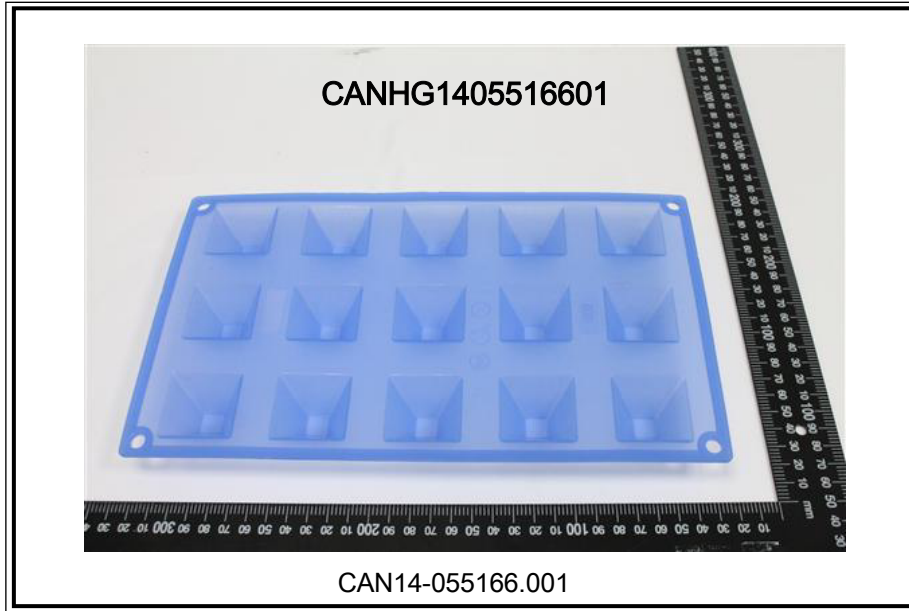
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<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Volatile organic matter (VOM)	0.5	%(w/w)	0.1	ND
<b>Comment</b>				<b>PASS</b>

Notes :

1. %w/w = percentage of weight by weight
2. MDL=Method Detection Limit
3. ND= Not Detected(less than MDL)

Sample photo:



SGS authenticate the photo on original report only

\*\*\* End of Report \*\*\*

