

Test Report

No. CANHG1504584901

Date: 16 Apr 2015

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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 mould(Silicone products)

SGS Job No. : GZHG1503010148CW - GZ
 Date of Sample Received : 30 Mar 2015
 Testing Period : 30 Mar 2015 - 16 Apr 2015
 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
French Décret 2007-766 with amendments and French Act 2012-1442 of 24 Dec 2012 amending French Act 2010-729–Total Content of Bisphenol A	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.



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



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	CAN15-045849.001	Red brown silicone rubber mould	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 Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex III and Annex V for selection of condition and EN 1186-1:2002 for selection of test methods;
or EN 1186-3:2002 aqueous food simulants by total immersion method;
or EN 1186-2:2002 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>
3% Acetic Acid (W/V) Aqueous Solution	4.0hr(s)	100°C	10mg/dm ²	<3.0mg/dm ²	PASS
10% Ethanol (V/V) Aqueous Solution	4.0hr(s)	100°C	10mg/dm ²	<3.0mg/dm ²	PASS
Rectified Olive Oil	2.0hr(s)	175°C	10mg/dm ²	8.9mg/dm ²	PASS

Notes :

1. mg/dm² = 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.

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.

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



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

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 Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex III and Annex V for selection of condition and EN13130-1:2004 for selection of test methods; 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</u>	<u>Unit</u>	<u>MDL</u>	<u>Test result</u>
	<u>Limit</u>			
Specific Migration of Organotin (as Tin)	0.1	mg/kg	0.01	ND
Comment				PASS

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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<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
Comment				PASS

Notes :

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

French Décret 2007-766 with amendments and French Act 2012-1442 of 24 Dec 2012 amending French Act 2010-729–Total Content of Bisphenol A

Test Requested : As specified by client, to determine Total Content of Bisphenol A from submitted sample(s) used in contact with food for compliance with French Décret 2007-766 with amendments and French Act 2012-1442 of 24 Dec 2012 amending French Act 2010-729.

Test Method : With reference to Part II Section D2 of Testing Methods for Foodstuffs, Implements, Containers and Packaging, Toys, Detergents, JETRO, Japan External Trade Organization, 2009, analysis was performed by HPLC-MS

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Total content of Bisphenol A	1.0	mg/kg	0.1	ND
Comment				PASS

Notes :

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



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Sample photo:



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*** End of Report ***