

Test Report

No.: XMHL2006002732CW

Date: Sep 16, 2020

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XIAMEN MODERN DELTA LTD
JINXING ROAD NO.61-69, HUBIN NORTH ROAD, XIAMEN 361012, CHINA

Sample Description : SILICONE TEAT
Manufacturer : XIAMEN MODERN DELTA LTD
Country of Origin : CHINA

As above test item and its relevant information regarding to the submission are provided and confirmed by the applicant. SGS is not liable to either the test item or its relevant information, in terms of the accuracy, suitability, reliability or/and integrity accordingly.

Sample Receiving Date : Jun 02, 2020
Test Performing Date : Jun 02, 2020 to Sep 16, 2020
Test Performed : Selected test(s) as requested by applicant
Test Result(s) : For further details, please refer to the following page(s)

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



Beck Hong
Authorized Signatory



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Part 1 SGS Ref No.is GZHL2006030736OT. This test was subcontracted to Guangzhou Branch, SGS-CSTC Co., Ltd.

Test Requested	Result
EN 14350-1:2004	PASS

Test Conducted: Based on **EN 14350-1:2004 Child use and care articles – Drinking equipment – Part 1: General and mechanical requirements and tests**

Number of Tested Sample: 5 Pieces

Test Results: Details shown as following table

Clause	Test Items	Result
5	Requirements	
5.1	General	PASS
5.2	Visual and tactile examination	PASS
5.3	Small parts	PASS
5.4	Volume	
5.4.1	Volumetric labelling	
5.4.1.1	All feeding bottles, but not necessarily drinking cups, shall be marked with graduations at least in millilitres.	NA
5.4.1.2	Feeding bottles	NA
5.4.1.3	Drinking cups	NA
5.4.2	Volumetric accuracy	NA
5.5	Resistance to tearing	PASS
5.6	Additional requirements for re-usable products	
5.6.1	Resistance to boiling water	PASS
5.6.2	Print adhesion of markings and decorations	NA
5.6.3	Thermal shock	PASS
5.7	Additional requirement for sealing discs	NA
5.8	Requirements for matched components	
5.8.1	Includes protrusions	NA
5.8.2	Includes straws	NA
5.9	Requirements for protrusions	NA
5.10	Requirements for straws	NA



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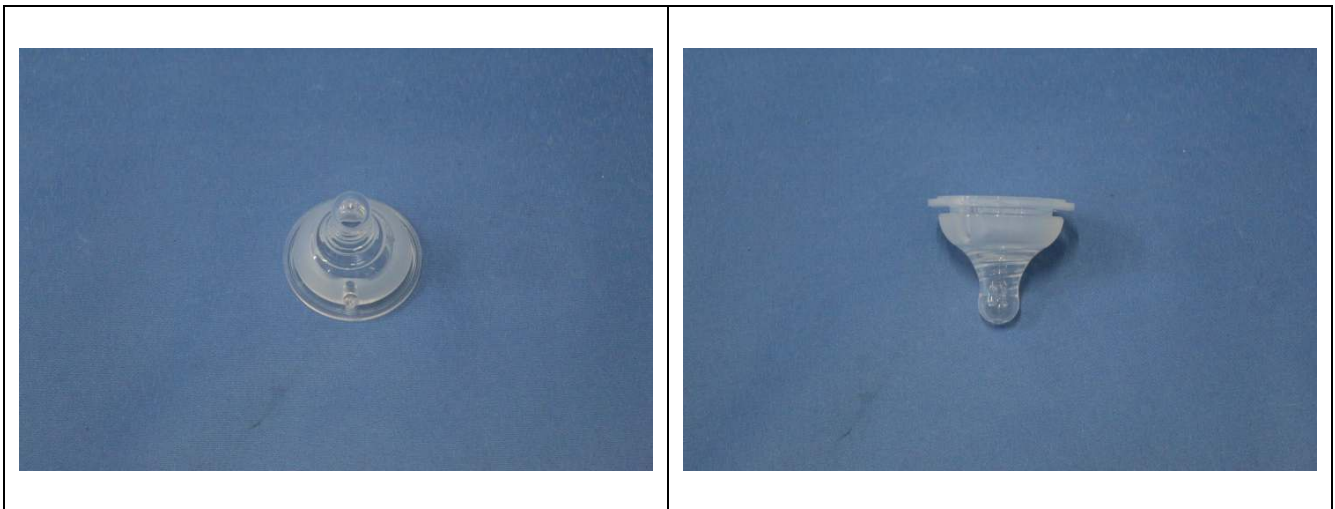
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7	Consumer packaging	PASS
8	Product information	
8.1	General	PASS
8.2	Purchase information	PASS
8.3	Instructions for use	PASS

Remarks:

1. NA = Not applicable.
2. Only English version of product information was evaluated. All product information shall be provided in the official language(s) of the country where the product is sold.
3. The latest version of EN 14350 is EN 14350:2020, which has superseded EN 14350-1:2004 and EN 14350-2:2004. EN 14350:2020 shall be given the status of a national standard at the latest by December 2020, and conflicting national standards shall be withdrawn at the latest by June 2021.

Sample Photos:



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Part 2 SGS Ref No.is CANHG2008828901. This test was subcontracted to Guangzhou Branch, SGS-CSTC Co., Ltd.

Result Summary :

Test Requested	Conclusion
Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, Council of Europe Resolution AP (2004) 5 – Overall migration	PASS
Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004–Sensorial examination odour and taste test	PASS
EN 14350 2:2004 –N Nitrosamines and N Nitrosatables release	PASS
EN 14350 2:2004 –Migration of certain elements	PASS
Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004–Volatile organic matter (VOM)	PASS
EN 14350 2:2004 –Volatile compounds content	PASS
Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, Commission Regulation (EU) 2018/213 of 12 February 2018 amending Regulation (EU) No 10/2011-Total Content of Bisphenol A	PASS

Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	CAN20-088289.001	Transparent silicone nipple	Silicone

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, Council of Europe Resolution AP (2004) 5 – Overall migration

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 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>
3% Acetic Acid (W/V) Aqueous Solution	2.0hr(s)	70°C	60mg/kg	<20mg/kg	PASS
10% Ethanol (V/V) Aqueous Solution	2.0hr(s)	70°C	60mg/kg	<20mg/kg	PASS



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Rectified Olive Oil 2.0hr(s) 70°C 60mg/kg <20mg/kg PASS

Notes :

1. mg/dm² = milligram per square decimeter
mg/kg = milligram per kilogram of foodstuff in contact with
2. °C = degree Celsius
3. Analytical tolerance of aqueous simulants is 2mg/dm² or 12mg/kg
4. Analytical tolerance of fatty food simulants is 3mg/dm² or 20mg/kg
5. Report the third migration result

**Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004–
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>
Test media	-	Distilled water
Test Temperature (°C)	-	70
Test time (hr)	-	2

<u>Test Item(s)</u>	<u>Limit</u>	<u>001</u>
Sensorial examination odour (Point scale)	2.5	1.0
Sensorial examination taste (Point scale)	2.5	1.0

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

EN 14350 2:2004 –N Nitrosamines and N Nitrosatables release

Test Method : With reference to EN 14350-2:2004, Clause 5.3, analysis was performed by LC-MS-MS.

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
N-Nitrosamines	0.010	mg/kg	0.010	ND

Comment **PASS**



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N-Nitrosatable substances 0.10 mg/kg 0.10 ND
Comment **PASS**

Notes :

1. N-Nitrosamines tested : N-nitrosodimethylamine (NDMA), N-nitrosodiethylamine (NDEA), N-nitrosodipropylamine (NDPA), N-nitrosodibutylamine (NDBA), N-nitrosopiperidine (NPIP), N-nitrosopyrrolidine (NPYR), N-nitrosomorpholine (NMOR), N-nitrosodibenzylamine (NDBzA), N-nitroso-N-methyl-N-phenylamine (NMPH_A), N-nitroso-N-ethyl-N-phenylamine (NEPH_A) and N-nitrosodiisononylamine (NDiNA).
2. mg/kg = milligram per kilogram
3. MDL=Method Detection Limit
4. ND = Not Detected(less than MDL)

EN 14350 2:2004 –Migration of certain elements

Test Method : With reference to EN14350-2: 2004, Clause 5.2,analysis was performed by ICP-OES.

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Soluble Lead (Pb)	25	mg/kg	5	ND
Soluble Antimony (Sb)	15	mg/kg	5	ND
Soluble Arsenic (As)	10	mg/kg	5	ND

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Soluble Barium (Ba)	100	mg/kg	10	ND
Soluble Cadmium (Cd)	20	mg/kg	5	ND
Soluble Chromium (Cr)	10	mg/kg	5	ND
Soluble Mercury (Hg)	10	mg/kg	5	ND
Soluble Selenium (Se)	100	mg/kg	10	ND

Comment **PASS**

Notes :

1. mg/kg=ppm
2. ND = Not detected
3. MDL = Method Detection Limit
4. Results of soluble elements shown are of the adjusted analytical results.

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004–Volatile organic matter (VOM)

Test Method : With reference to EN 14372:2004, Clause 6.3.3.

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
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Volatile Compounds Content	0.5	%(w/w)	0.10	0.19
Comment				PASS

Notes :

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

EN 14350 2:2004 –Volatile compounds content

Test Method : With reference to EN 14350-2: 2004, Clause 5.6.

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Volatile Compounds Content	0.5	%(w/w)	0.10	0.17
Comment				PASS

Notes :

1. % w/w = Percentage of weight by weight
2. MDL=Method Detection Limit
3. ND= Not Detected

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, Commission Regulation (EU) 2018/213 of 12 February 2018 amending Regulation (EU) No 10/2011-Total Content of Bisphenol A

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 (Dichloromethane extraction by ultrasonic bath). 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	★	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(s):



CANHG2008828901

CAN20-088289.001

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