



**BUREAU
VERITAS**

TEST REPORT

LAB NO. : (9315)161-0787
DATE : Jun 23, 2015
PAGE : 1 OF 13

APPLICANT : **CHANG LONG SILICONE RUBBER PRODUCTS CO., LTD**
NO. 38, HONG JI ROAD, DONGFENG TOWN, ZHONGSHAN
CITY, GUANGDONG PROVINCE, CHINA

CONTACT PERSON : Sunny Chen

DATE OF SUBMISSION : Jun 15, 2015

TEST PERIOD : Jun 15, 2015 to Jun 23, 2015

NO. OF WORKING DAYS : 6

SAMPLE DESCRIPTION : Silicone Jewellery

MANUFACTURER : Chang Long Silicone Rubber Products Co., Ltd
No. 38, Hong Ji Road, Dongfeng Town, Zhongshan City, Guangdong
Province, China

SUMMARY OF TEST RESULTS

TEST REQUESTED	CONCLUSION	REMARK
Phthalates Content in Children's Toys and Child Care Articles - Consumer Product Safety Improvement Act (CPSIA), Section 108(a)	PASS	
Phthalates Content in Children's Toys and Child Care Articles - United States Consumer Product Safety Improvement Act (CPSIA) of 2008, Section 108(b)(1)	PASS	
Total Lead Content in Surface Coating - United States Consumer Product Safety Improvement Act (CPSIA) of 2008, Section 101(a)(2) / United States Code of Federal Regulations (CFR), Title 16, Part 1303	Not Applicable	
Total Lead Content in Substrate - United States Consumer Product Safety Improvement Act (CPSIA) Section 101(a)(2)	PASS	
Total Heavy Metals Content - Initial Screening of ASTM International Standard ASTM F963-11, Section 4.3.5.1(2) for Soluble Heavy Metals Content in Surface Coating	Not Applicable	
Total Heavy Metals Content - Initial Screening of ASTM International Standard ASTM F963-11, Section 4.3.5.2(2)(b) for Soluble Heavy Metals Content in Substrate	PASS	
MECHANICAL TEST (ASTM F963)	PASS	
FLAMMABILITY TEST (ASTM F963)	PASS	

RW

**Bureau Veritas Consumer Products Services (Guangzhou)
Co., Ltd**

No. 183, Shinan Road, Meilin Plaza, Dongchong, Nansha,
Guangzhou, Guangdong Province, China 511453

Tel: (86) 20 2290 2088 Fax: (86) 20 3490 9303

Email: BVCPs_pyinfo@cn.bureauveritas.com

Website: cps.bureauveritas.com

This report is governed by, and incorporates by reference, the Conditions of Testing as posted at the date of issuance of this report at <http://www.mtl-acts.com> and is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. You have 60 days from date of issuance of this report to notify us of any material error or omission caused by our negligence, provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.



LAB NO. : (9315)161-0787
DATE : Jun 23, 2015
PAGE : 2 OF 13

SAMPLE DESCRIPTION ASSIGNED BY LABORATORY

ITEM	ITEM DESCRIPTION
1	Blue silicone

BUREAU VERITAS CONSUMER PRODUCTS SERVICES (GUANGZHOU) CO., LTD

NINA REN
SECTION MANAGER

REMARK

If there are questions or concerns on this report, please contact the following persons:

- a) GENERAL TEL: (86)755 83437287
FAX: (86)755 83439100
- b) BUSINESS SZ TEL: (86)755 21534695
FAX: (86)755 83439100
BUSINESS GZ TEL: (86) 20 87148525
FAX: (86) 20 87148528
- EMAIL: eechemical.sc@cn.bureauveritas.com
WEBSITE: cps.bureauveritas.cn

Photo of the Submitted Sample





LAB NO. : (9315)161-0787
DATE : Jun 23, 2015
PAGE : 4 OF 13

TEST RESULT

Phthalates Content in Children's Toys and Child Care Articles - Consumer Product Safety Improvement Act (CPSIA), Section 108(a)

Maximum Allowable Limit :	Each 0.1 %
----------------------------------	-------------------

Test Item(s)	Result			Conclusion
	Detected Analyte(s)	Conc.	Unit	
1	ND	ND	%	PASS

Note / Key :

ND = Not detected

% = percent

Detection Limit (%) : Each 0.005

">" = Greater than

1 % = 10000 mg/kg

Conc. = Concentration

mg/kg = milligram(s) per kilogram

Remark :

- The list of phthalates is summarized in table of Appendix.



LAB NO. : (9315)161-0787
DATE : Jun 23, 2015
PAGE : 5 OF 13

APPENDIX

List of Phthalates [CPSIA, Section 108(a)] :					
No.	Name of Analytes	CAS-No.	No.	Name of Analytes	CAS-No.
1	Butyl benzyl phthalate (BBP)	85-68-7	3	Di-2-ethylhexyl phthalate (DEHP)	117-81-7
2	Dibutyl phthalate (DBP)	84-74-2	-	-	-



LAB NO. : (9315)161-0787
DATE : Jun 23, 2015
PAGE : 7 OF 13

APPENDIX

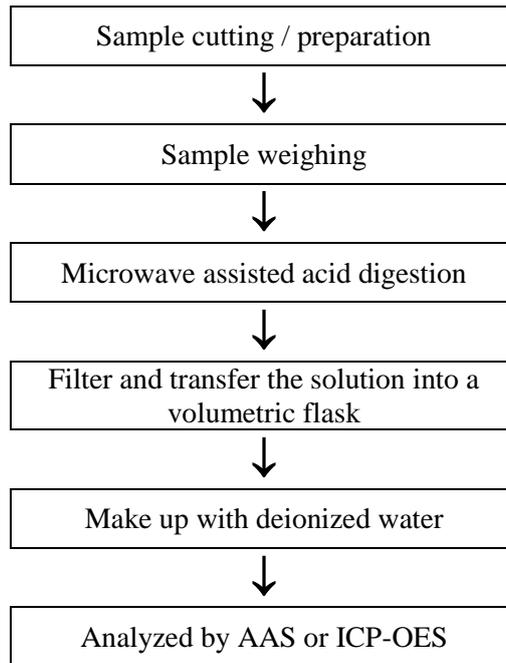
List of Phthalates [U. S. CPSIA of 2008, 108(b)(1)] :					
No.	Name of Analyte(s)	CAS-No.	No.	Name of Analyte(s)	CAS-No.
1	Di-n-octyl phthalate (DNOP)	117-84-0	3	Di-iso-decyl phthalate (DIDP)	26761-40-0
2	Di-iso-nonyl phthalate (DINP)	28553-12-0	-	-	-

CAS-No. = Chemical Abstracts Service registry number



LAB NO. : (9315)161-0787
DATE : Jun 23, 2015
PAGE : 9 OF 13

APPENDIX – TEST PROCESS





LAB NO. : (9315)161-0787
DATE : Jun 23, 2015
PAGE : 11 OF 13

TEST RESULT

APPROPRIATE AGE GRADE DETERMINATION

The Appropriate Age Grade is determined with reference to the Age Determination Guidelines of the Consumer Product Safety Commission (CPSC); and the ASTM F963-11, "Standard Consumer Safety Specification on Toy Safety". Annex A1

Note : The most stringent age grade from the Labeled Age Grade and the Appropriate Age Grade will be used for testing.

Note : If the client does not specify an age grade for testing or request Bureau Veritas Consumer Products Services, Inc. to determine an appropriate age grade, the labeled age grade will be used for testing.

* Note : ASTM F963 mechanical test & flammability test were conducted on SAMPLE A only.

USE AND ABUSE TESTS

The samples undergo the tests in accordance with section 8.6 through 8.16, whichever is applicable

Test	Test Parameters	Standard Reference
Impact Test	10 x 4.5 ft	1500.53(b)
Torque Test	4 in-lbs	1500.53(e)
Tension Test	15 lbs	1500.53(f)
Compression Test	30 lbs	1500.53(g)



LAB NO. : (9315)161-0787
 DATE : Jun 23, 2015
 PAGE : 12 OF 13

PHYSICAL AND MECHANICAL HAZARDS (ASTM F963-11)

Section	Requirement	Result
4.1	Material Quality	M
4.3.7	Stuffing Materials	N/A
4.5	Sound-Producing Toys	N/A
4.6	Small Objects	M
4.7	Accessible Edges	M
4.8	Projections	N/A
4.9	Accessible Points	M
4.10	Wires and Rods	N/A
4.11	Nails and Fasteners	N/A
4.12	Plastic Film	N/A
4.13	Folding Mechanisms and Hinges	N/A
4.14	Cords, Straps and Elastics	N/A
4.15	Stability and Over-Load Requirements	N/A
4.16	Confined Spaces	N/A
4.17	Wheels, Tires, and Axles	N/A
4.18	Holes, Clearances and Accessibility of Mechanisms	N/A
4.19	Simulated Protective Devices	N/A
4.20	Pacifiers	N/A
4.21	Projectile Toys	N/A
4.22	Teethers and Teething Toys	N/A
4.23	Rattles	N/A
4.24	Squeeze Toys	N/A
4.25	Battery-Operated Toys (exclude section 4.25.10 Battery-powered ride-on toys)	N/A
4.26	Toys Intended to be Attached to a Crib or Playpen	N/A
4.27	Stuffed and Beanbag-Type Toys	N/A
4.30	Toy Gun Marking	N/A
4.32	Certain Toys with Nearly Spherical Ends	N/A
4.34	Small Balls	N/A
4.35	Pompoms	N/A
4.36	Hemispheric-Shaped Objects	N/A
4.37	Yo Yo Elastic Tether Toys	N/A
4.38	Magnets	N/A
4.39	Jaw Entrapment in Handles and Steering Wheels	N/A

M = Meet NM = Not Meet N/A = Not Applicable R = Refer to Comment Section



LAB NO. : (9315)161-0787
 DATE : Jun 23, 2015
 PAGE : 13 OF 13

LABELING AND INSTRUCTIONAL REQUIREMENT (ASTM F963-11)

Section	Requirement	Result
5.4 & 5.3	Aquatic Toys	N/A
5.5 & 5.3	Crib and Playpen Toys	N/A
5.6 & 5.3	Mobiles	N/A
5.7 & 5.3	Stroller and Carriage Toys	N/A
5.8 & 5.3	Toys Intended to be Assembled by an Adult	N/A
5.9 & 5.3	Simulated Protective Devices	N/A
5.10 & 5.3	Toys with Functional Sharp Edges or Sharp Points	N/A
5.11	Small Objects, Small Balls, Marbles and Balloons (16 CFR 1500.19)	N/A
5.12	Toy Caps (16CFR1500.86)	N/A
5.13	Art Materials (16 CFR 1500.14(b)(8))	N/A
5.15	Battery-Operated Toys (exclude 5.15.1)	N/A
5.15.1 & 5.3	Battery-Powered Ride-On Toys	N/A
5.16	Promotional Materials	M
5.17 & 5.3	Magnets	N/A
6.1	Definition and Description	N/A
6.2	Crib and Playpen Toys	N/A
6.3	Mobiles	N/A
6.4 & 5.3	Toys Intended to be Assembled by an Adult	N/A
6.5.1-2	Battery-Operated Toys	N/A
6.5.3	Battery-Powered Ride-On Toys	N/A
6.6	Toys in Contact with Food	N/A
7.1	Producer's Name and Address	N/A
7.2	Battery-Powered Ride-on Toys	N/A

M = Meet NM = Not Meet N/A = Not Applicable R = Refer to Comment Section

FLAMMABILITY (16 CFR SECTION 1500.3(c)(6)(vi))

Requirement	Test Method Reference	Findings
Burn rate no greater than 0.1 of an inch per second	16 CFR 1500.44	Ignited but self-extinguished.

END