

21143



TEST REPORT

NO. A001R133527001001A1

Date: Oct 05, 2012

Page 1 of 3

Applicant: silicone rubber components products Co., Ltd.

Address:

Report on the submitted sample said to be

Sample name: silicone pendant

Model: /

Item/Lot No.: /

Material: /

Buyer: /

Supplier: /

Manufacturer: /

Country of Origin: /

Country of Destination: /

Labelled Age Grading: /

Sample received date: Sep 27, 2012

Testing period: From Sep 27, 2012 to Sep 29, 2012

Test Requested

For compliance with the European Standard on Safety of toys:

-EN 71-1:2011 - Mechanical and physical properties

-EN 71-2:2011- Flammability

-EN 71-3:1994+A1:2009 IAC: 2002- Migration of certain elements

Conclusion

-EN 71-1: The submitted sample complied with the requirement.

-EN 71-2: The submitted sample complied with the requirement.

-EN 71-3: The submitted sample complied with the requirement.

*****FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S)*****

Signed for and on behalf of
Shenzhen AOV Testing Technology Co., Ltd

Tested by: Leif
Li Xian Yong, Leif
Project Leader

Reviewed by: Lewis
Liu Lin Wen, Lewis
Laboratory Supervisor

Approved by: Jeewah
Lv Jie Hua, Jeewah
Technical Director

TEST REPORT

NO: A001R120627D01001A1

Date: Oct 30, 2012

Page: 1 of 3

Applicant: silicone rubber components products Co., Ltd.

Address:

Report on the submitted sample said to be

Sample name: silicone pendant

Model: /

Item/Lot No. : /

Material: /

Buyer: /

Supplier: /

Manufacturer: /

Country of Origin: /

Country of Destination: /

Labelled Age Grading: /

Sample received date: Sep 27, 2012

Testing period: From Sep 27, 2012 to Sep 29, 2012

Test Requested

For compliance with the European Standard on Safety of Toys:

-EN 71-1:2011 - Mechanical and physical properties

-EN 71-2:2011- Flammability

-EN 71-3:1994+A1:2000 IAC: 2002- Migration of certain elements

Conclusion


-EN 71-1: The submitted sample complied with the requirement.

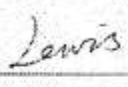
-EN 71-2: The submitted sample complied with the requirement.

-EN 71-3: The submitted sample complied with the requirement.

*****FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S)*****

Signed for and on behalf of
Shenzhen AOV Testing Technology Co., Ltd

Tested by: 
Li Xian Yong, Leif
Project Leader

Reviewed by: 
Liu Lin Wen, Lewis
Laboratory Supervisor

Approved by: 
Lv Jie Hua, Jeewah
Technical Director

TEST REPORT

NO. A001R120927001001A1

Date: Oct 08, 2012

Page 2 of 3

Results:

Part 1: Mechanical and physical properties

Section	Description	Result
4	GENERAL REQUIREMENTS	
4.1	Material cleanliness	Pass
4.7	Edges	Pass
4.8	Points and metallic wires	Pass
8	Test Methods	
8.3	Torque Test	Pass
8.4	Tension Test	Pass
8.5	Drop Test	Pass
8.7	Impact Test	Pass

Part 2: Flammability

Section	Description	Result
4.1	General	Pass

Note:

4.1 The following materials shall not be used in the manufacture of toys:

□ Celluloid (cellulose nitrate), except when used in varnish, paint or glue, or in balls of the type used for table tennis or similar games, and materials with the same behaviour in fire as celluloid. Specific materials to which the test flame is applied in order to check compliance of the toy with requirements in 4.2 to 4.5 are considered to comply with this requirement if the toy meets its appropriate requirements in 4.2 to 4.5,

□ Materials with a piled surface which produce surface flash on the approach of a flame. Piled surfaces showing no momentary area of flame over the area of the piled surface remote from the test flame are considered to meet this requirement;

□ Highly flammable solids.

In addition, toys shall not contain flammable gases, highly flammable liquids, flammable liquids, flammable gels except as provided for below:

□ Flammable liquids, flammable gels and preparations supplied in sealed containers having a maximum volume of 15 ml per container;

□ Highly flammable liquids and flammable liquids being entirely retained within a porous material in capillary channels of writing instruments;

□ Flammable liquids with a viscosity greater than $250 \times 10^{-6} \text{ m}^2/\text{s}$ corresponding to a flow time of more than 38 s when determined in accordance with EN ISO 2431 using cup No. 8;

□ Highly flammable liquids contained in toys covered in EN 71-5.

NOTE: Different legal requirements may exist in non-EU countries.

TEST REPORT

NO. A001R120927001001A1

Date: Oct 08, 2012

Page 3 of 3

Part 3: Migration of certain elements

Analysis was performed by inductively coupled plasma atomic emission spectrometer

Soluble Element	Cadmium (Cd)	Lead (Pb)	Chromium (Cr)	Mercury (Hg)	Antimony (Sb)	Barium (Ba)	Arsenic (As)	Selenium (Se)
Limit	75	90	60	90	60	1000	25	500
Code	Specimen's testing result							
A	<5	<5	<5	<5	<5	<5	<2.5	<5

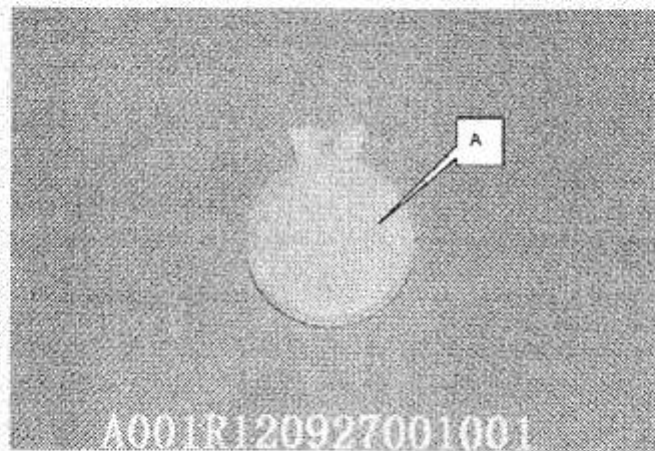
Specimen Description:

Code	Specimen Description
A	light blue silicone pendant

Note:

- unit: mg/kg=ppm, <=Less than.
- Results shown are of the adjusted analytical results.
- The test report A001R120927001001A1 supersedes the test report A001R120027001001 which is withdrawn.
- Photo is included.

Photograph of sample



silicone pendant

End of Report