

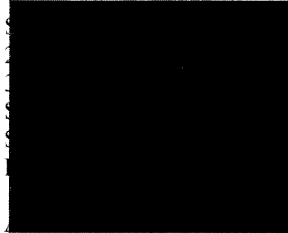


## STC Test Report

Date : 2007-12-05  
No. [REDACTED]

Page 1 of 4  
(Duplicate)

Applicant (SOC001) :



Description of Samples : Four styles of submitted sample each in two pieces said to be:  
[REDACTED] (see attached photo)  
COUNTRY OF ORIGIN: CHINA  
COUNTRY OF DESTINATION: ITALY

Date Samples Received : 2007-11-22

Date Tested : 2007-11-22 to 2007-12-03

Investigation Requested : (1) European Standard for Safety of Toys  
- EN71-1:2005+A4:2007  
- EN71-2:2006+A1:2007  
- EN71-3:1994, amendment A1:2000/AC:2002  
(2) Phthalates content in accordance with EU Directive 2005/84/EC for phthalates in toys and childcare articles.

Conclusions : EN71-1:2005+A4:2007  
The submitted sample complied with the test requirement.

EN71-2:2006+A1:2007  
The submitted sample complied with the test requirement.

EN71-3:1994, amendment A1:2000/AC:2002  
The submitted sample complied with the test requirement.

EU Directive 2005/84/EC: phthalates in toys and childcare article  
The submitted sample complied with the test requirement.

WONG Yau-wai, Johnny

Toys & Children's Products Department  
For and on behalf of

The Hong Kong Standards and Testing Centre Ltd.

**The Hong Kong Standards and Testing Centre Ltd.**

10 Dai Wang Street, Taipo Industrial Estate, N.T., Hong Kong  
Tel: (852) 26661888 Fax: (852) 26644353 E-mail: [hkstc@hkstc.org](mailto:hkstc@hkstc.org) Homepage: [www.hkstc.org](http://www.hkstc.org)

This report shall not be reproduced unless with prior written approval from The Hong Kong Standards and Testing Centre Ltd.  
For Conditions of Issuance of this test report, pls refer to the overleaf or Homepage.



## STC Test Report

Date : 2007-12-05

No. : [REDACTED]

Page 2 of 4  
(Duplicate)

### AGE GRADING:

The sample was age graded with the following English translation marking:  
"1-3 years".

### AGE GRADING FOR TESTING:

12 months and up.

### Test Results :

#### 1. EN71

##### 1.1 EN71-1:2005+A4:2007 - Part 1: Mechanical and physical properties

<u>Applicable Clause</u>	<u>Description</u>	<u>Result</u>
4	<u>General requirements</u>	
4.1	Materials	Pass
4.7	Edges	Pass
4.8	Points and wires	Pass
5	<u>Toys intended for children under 36 months</u>	
5.1	General requirements	Pass
7	<u>Warning and instructions for use</u>	
7.1	General	Pass

##### 1.2 EN71-2:2006+A1:2007 - Part 2: Flammability

<u>Applicable Clause</u>	<u>Description</u>	<u>Result</u>
4.1	General	Pass

##### 1.3 EN71-3:1994, amendment A1:2000/AC:2002 - Part 3: Migration of certain elements Method used: Inductively Coupled Argon Plasma Atomic Emission Spectrophotometer

#### Polymeric material

- (a) Cover and pages of book: transparent plastic laminated white paper with red/blue/multicolor printing at the base

#### Paper and board

- (b) Cover and pages of book: white paper card

### **The Hong Kong Standards and Testing Centre Ltd.**

10 Dai Wang Street, Taipo Industrial Estate, N.T., Hong Kong  
Tel: (852) 26661888 Fax: (852) 26644353 E-mail: [hksto@hksto.org](mailto:hksto@hksto.org) Homepage: [www.hksto.org](http://www.hksto.org)

This report shall not be reproduced unless with prior written approval from The Hong Kong Standards and Testing Centre Ltd.  
For Conditions of Issuance of this test report, pls refer to the overleaf or Homepage.



## STC Test Report

Date : 2007-12-05

No. : [REDACTED]

Page 3 of 4  
(Duplicate)

	a	b	Limit
Soluble lead.....	<2mg/kg	<2mg/kg	90mg/kg
Soluble cadmium.....	<2mg/kg	<2mg/kg	75mg/kg
Soluble chromium.....	<2mg/kg	<2mg/kg	60mg/kg
Soluble barium.....	2mg/kg	<2mg/kg	1000mg/kg
Soluble antimony.....	<2mg/kg	<2mg/kg	60mg/kg
Soluble arsenic.....	<2mg/kg	<2mg/kg	25mg/kg
Soluble mercury.....	<2mg/kg	<2mg/kg	60mg/kg
Soluble selenium.....	<2mg/kg	<2mg/kg	500mg/kg

### 2. Phthalate content

Ref.: EU Directive 2005/84/EC

Method used: Gas Chromatography Mass Spectrometer

Cover and pages of book: transparent plastic laminated white paper with red/blue/multicolor printing at the base

	Result
- Di-n-butyl phthalate (DBP)	Not Detected
- Benzyl-n-butyl phthalate (BBP)	Not Detected
- Di (2-ethylhexyl) phthalate (DEHP)	Not Detected

Requirement: The cumulative total of above phthalates shall not be greater than 0.1% by mass of the plasticised material.

	Result
- Di-n-octyl phthalate (DNOP)	Not Detected
- Diisononyl phthalate (DINP)	Not Detected
- Diisodecyl phthalate (DIDP)	Not Detected

Requirement: The cumulative total of above phthalates shall not be greater than 0.1% by mass of the plasticised material which can be placed in the mouth by children .

Notes: Method detection limit = 0.01% (w/w)

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

The Hong Kong Standards and Testing Centre Ltd.

10 Dai Wang Street, Taipo Industrial Estate, N.T., Hong Kong  
Tel: (852) 26661888 Fax: (852) 26644353 E-mail: [hkstc@hkstc.org](mailto:hkstc@hkstc.org) Homepage: [www.hkstc.org](http://www.hkstc.org)

This report shall not be reproduced unless with prior written approval from The Hong Kong Standards and Testing Centre Ltd.  
For Conditions of Issuance of this test report, pls refer to the overleaf or Homepage.

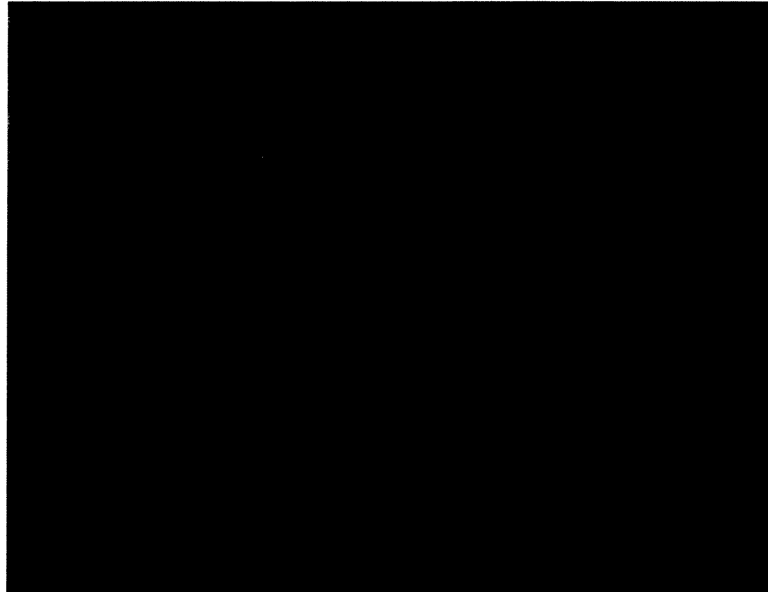


## STC Test Report

Date : 2007-12-05  
No. : [REDACTED]

Page 4 of 4  
(Duplicate)

### Appendix for Photo of the Submitted Sample



**The Hong Kong Standards and Testing Centre Ltd.**

10 Dai Wang Street, Taiipo Industrial Estate, N.T., Hong Kong  
Tel: (852) 26661888 Fax: (852) 26644353 E-mail: [hkstc@hkstc.org](mailto:hkstc@hkstc.org) Homepage: [www.hkstc.org](http://www.hkstc.org)

This report shall not be reproduced unless with prior written approval from The Hong Kong Standards and Testing Centre Ltd.  
For Conditions of Issuance of this test report, pls refer to the overleaf or Homepage.