



Test Report

Number : TWNC00297148

Applicant: Gogo Toys Co., Ltd.
No.836 Shui-Che-Tou Sec.
Guan-Pu Road, Hsin Pu
Hsin-Chu Hsien 305-43
Taiwan ROC

Date : Feb 20, 2013

Sample Description:

One (1) group of submitted samples said to be :
Item Name : Shape Match Board
Item No. : 20438
Quantity : 1 Group
Country Of Origin : Taiwan
Date Sample Received : Jan 28, 2013
Date Test Started : Jan 28, 2013

Test Conducted:

As requested by the applicant, for details please refer to attached pages.

Conclusion:

Please see page two.

Remarks:

- #1 = Results were transferred from report No. TNWC00224311 Feb 18, 2013.
 - #2 = Results were transferred from report No. TNWC00295524 Jan 29, 2013.
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Authorized by:
On Behalf of Intertek Testing Services
Taiwan Limited



K. Y. Liang
Director





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Conclusion:

<u>Tested sample</u>	<u>Standard</u>	<u>Result</u>
Submitted samples	Physical and mechanical properties – As per European standard on safety of toys EN 71 part 1: 2011	Pass
	Flammability test – As per European standard on safety of toys EN 71 part 2: 2011	Pass
Tested Components Of Submitted Samples	Toxic Elements Analysis – As Per European standard on safety of toys EN 71 Part 3: 1994 And Amendment A1: 2000/ AC: 2002	Pass

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1. Physical And Mechanical Properties

As per European standard on safety of toys EN 71 part 1: 2011

Applicant's specified age group for testing : For ages over 2 years.

<u>Clause</u>	<u>Testing item</u>	<u>Assessment</u>
4*	General requirements	P
5*	Toys intended for children under 36 months	P
6	Packaging	NA
7*	Warnings, markings and instructions for use	P

Remarks : P = Pass ; NA = Not applicable

* = The following subclauses of the standard are found applicable :

- 1) 4.1 Material cleanliness
- 2) 4.8 Points and metallic, wires
- 3) 5.1 General requirements
- 4) 7 Warning, markings and instructions for use
- 5) 7.1 General

2. Flammability Test

As per European standard on safety of toys EN 71 part 2: 2011

<u>Clause</u>	<u>Testing item</u>	<u>Assessment</u>
4.1	General	
	- Cellulose nitrate	P
	- Pile surface	NA
	- Flammable gas and liquid	NA
4.2	Toys to be worn on the head (5.2/5.3/5.4)	NA
4.3	Toy disguise costumes and toys intended to be worn by a child in play (5.4)	NA
4.4	Toys intended to be entered by a child (5.4)	NA
4.5	Soft-filled toys(5.5)	NA

Remarks : P = Pass
NA = Not applicable





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3. Toxic Elements Analysis

As per European standard on safety of toys EN71 part 3: 1994, amendment A1: 2000/ AC: 2002, acid extraction method was used and toxic elements content were determined by inductively coupled plasma-optical emission spectrometer (ICP-OES).

<u>Element</u>	<u>Result (mg/kg)</u>								<u>Limit (mg/kg)</u>
	<u>(1)</u>	<u>(2)</u> <u>(#1)</u>	<u>(3)</u>	<u>(4)</u> <u>(#2)</u>	<u>(5)</u> <u>(#2)</u>	<u>(6)</u>	<u>(7)</u>	<u>(8)</u>	
Sol. Lead (Pb)	<1	<1	<1	<1	<1	<1	<1	<1	90
Sol. Cadmium (Cd)	<1	<1	<1	<1	<1	<1	<1	<1	75
Sol. Antimony (Sb)	<1	<1	<1	<1	<1	<1	<1	<1	60
Sol. Chromium (Cr)	<1	<1	<1	<1	<1	<1	<1	<1	60
Sol. Barium (Ba)	6	2	25	5	<1	7	9	3	1000
Sol. Mercury (Hg)	<1	<1	<1	<1	<1	<1	<1	<1	60
Sol. Selenium (Se)	<1	<1	<1	<1	<1	<1	<1	<1	500
Sol. Arsenic (As)	<1	<1	<1	<1	<1	<1	<1	<1	25

Remarks: mg/kg = Milligram per kilogram based on dry weight of sample
Sol. = Soluble
< = Less than
The Analytical Results Were Adjusted By Subtracting Analytical Correction Factor.

Tested Components:

- (1) Plywood wooden
- (2) Transparent coating
- (3) Navy blue coating on block
- (4) Yellow coating on block
- (5) Red coating on block
- (6) Dim Green coating on block
- (7) Blue coating on block
- (8) Orange coating on block

End of Report

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Test Conducted

Photo

