



TEST REPORT

No: SH180300280C

Report date: 2018/04/04

Applicant : On Trend Goods LLC
Address : 123 south main st. Suite 200 Royal oak, MI 48067 USA

The following sample(s) was/were submitted and identified by/on behalf of the applicant as:

Sample Name : Stax magnetic building toy

Labeled Age Grading : 8+

Requested Age Grading : 8+

Age Group Applied in Testing : Over 8 years

Receiving Date : Mar.30, 2018

Testing Period : Mar.30, 2018-Apr.04, 2018

Test Requested : Please refer to next page(s).

Test Method : Please refer to next page(s).

Test Results : Please refer to next page(s).

Approved by Jeffery Chou

Reviewed by Salvia Hu

Redact by Xiaomin Gu

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优联(上海)检测有限公司

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TEST RESULTS:

We have tested the submitted sample(s) as requested and the following results were obtained:

Test Requested	Results
-ASTM F963-17 Part 1-Mechanical and Physical Properties	PASS
-ASTM F963-17 Part 2-Flammability	PASS
-ASTM F963-17 Part 3-Migration of Certain Elements.	Please refer to next page(s)

..... To be continued.....



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-ASTM F963-17

Part 1 -Mechanical and Physical Properties

Clause	Observation	Result
4.1	Material Quality	Pass
4.2	Flammability	Pass
4.38	Magnets	Pass
5	Safety Labeling Requirements	---
5.2	Age Gradig Labeling	Pass
5.3	Safety Labeling Requirements	Pass
6	Instructional literature	---
6.1	Definition and Description	Pass
7	Producer's Markings	---
7.1	Producer's Markings	Pass

Remark: It is drawn to your attention that either a principal component of a toy or the package of a toy shall be marked with the name and address of the producer or the distributor.

Part 2-Flammability of Toys

Requirement: The burn rate shall not exceed 0.1 in.per second.

Result: The burning rate of the sample is **0.02 in/s***.

Note: *Burning rate has been rounded to the nearest one tenth of an inch per second.



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Part 3-Migration of Certain Element

Test Method: Sample was extracted by dilute hydrochloric acid, Analysis was performed by ICP-OES.

Test Items	Unit	MDL	Test Results			Limited Value
			1-1	1-2	1-3	
As	mg/kg	2.5	N.D.	N.D.	N.D.	25
Cr	mg/kg	5	N.D.	N.D.	N.D.	60
Ba	mg/kg	10	N.D.	N.D.	N.D.	1000
Se	mg/kg	10	N.D.	N.D.	N.D.	500
Sb	mg/kg	5	N.D.	N.D.	N.D.	60
Cd	mg/kg	5	N.D.	N.D.	N.D.	75
Hg	mg/kg	6	N.D.	N.D.	N.D.	60
Pb	mg/kg	5	17.1	N.D.	N.D.	90

Lead(Pb)

Test Method: With reference to CPSC-CH-E1002-08.3, Analysis was performed by ICP-OES.

Test Item	MDL (mg/kg)	Test Results (mg/kg)			Limited Value* (mg/kg)
		1-1	1-2	1-3	
Total Lead	5	N.D.	N.D.	26	100

Remark: *The Limited value is based on Consumer Product Safety Improvement Act of 2008, CPSIA section 101(a)(2).

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Test Method: With reference to CPSC-CH-C1001-09.3, Analysis was performed by GC-MS.

Test Items	Unit	Test Results	MDL	Limited Value** (mg/kg)
Dibutyl Phthalate (DBP)	%	N.D.	0.010	0.1
Benzybutyl Phthalate (BBP)		N.D.	0.010	0.1
Di-(2-ethylhexyl)Phthalate (DEHP)		N.D.	0.010	0.1
Di-iso-nonylphthalate (DINP)		N.D.	0.010	0.1

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Di-n-octylphthalate (DNOP)		N.D.	0.010	0.1
Di-iso-decylphthalate (DIDP)		N.D.	0.010	0.1

Remark: **The Limited value is based on Consumer Product Safety Improvement Act of 2008, CPSIA section108.

- Note :**
- 1) N.D. = Not detected, less than MDL.
 - 2) MDL = Method Detection Limit.

TEST PART DESCRIPTION:

1-1 Black plastic 1-2 metal 1-3 sheet iron

SAMPLE PHOTO



1-1



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..... End of Report.....