

Test Report

No.BCTC-FYC170112971R

Date:Dec. 05, 2017

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Applicant : shanghai lulu toy car co., Ltd.

Address : Room 606, Building One, Lane 105, Jiuting Street, Songjiang Aera, shanghai

The submitted sample and sample information was/were submitted and identified by/on the behalf of the client

Sample name : EPP Blocks

Type /model : basic type

Manufacturer : shanghai lulu toy car co., Ltd.

Address : Room 606, Building One, Lane 105, Jiuting Street, Songjiang Aera, shanghai

Sample received date : Nov. 29, 2017

Testing period : Nov. 29, 2017 - Dec. 05, 2017

Executive Summary:

ASTM F963-16 Standard Consumer Safety Specification for Toy Safety

CONCLUSION

- Clause 4.3.5 Heavy elements – Migration of certain elements

PASS

- Clause 4.3.8 Di-2-ethylhexyl phthalate(DEHP) content

PASS

For chemical test, the tested component(s) is/are identified by the applicant.

*****For more detailed information, please refer to the next page*****

Tested by

Judy Zou



Approved by

Limchang

Lab:Shenzhen BCTC Testing Co.,Ltd.

Add:BCTC Building & 1-2F,East of B Building,pengzhou Industrial,Fuyuan 1st Road, Qiaotou Community,Fuyong Street, Bao 'an District,Shenzhen,china
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Tested Sample/Part Description:

Yellow foam

Test Result(s):
◆ Heavy elements test - Migration of certain elements

As specified in ASTM F963-16 standard consumer safety specification for toy safety clause 4.3.5, acid extraction methods specified in clause 8.3 were used and toxic elements content were determined by ICP-OES.

Soluble Element	Unit	MDL	Limit	Result
Soluble Antimony (Sb)	mg/kg	5	60	N.D.
Soluble Arsenic (As)	mg/kg	2.5	25	N.D.
Soluble Barium (Ba)	mg/kg	5	1000	N.D.
Soluble Cadmium (Cd)	mg/kg	5	75	N.D.
Soluble Chromium (Cr)	mg/kg	2.5	60	N.D.
Soluble Lead (Pb)	mg/kg	5	90	N.D.
Soluble Mercury (Hg)	mg/kg	2.5	60	N.D.
Soluble Selenium (Se)	mg/kg	5	500	N.D.

Note:

-MDL = Method Detection Limit

-N.D. = Not Detected (<MDL)

-mg/kg = ppm = parts per million

-Results shown of soluble elements are of adjusted analytical results by subtracting analytical correction factor.


◆ Di-2-ethylhexyl phthalate(DEHP) content

As specified in ASTM F963-16 standard consumer safety specification on toy safety, with reference to method ASTM D3421-75, Di-2-ethylhexyl phthalate(DEHP) was extracted by appropriate organic reagents and determined by Gas Chromatograph with Mass Spectrometer (GC-MS).

Tested Item(s)	Result	MDL	Limit
Phthalates	%	%	%
Di-2-ethylhexyl phthalate(DEHP)	N.D.	0.0050	3.0

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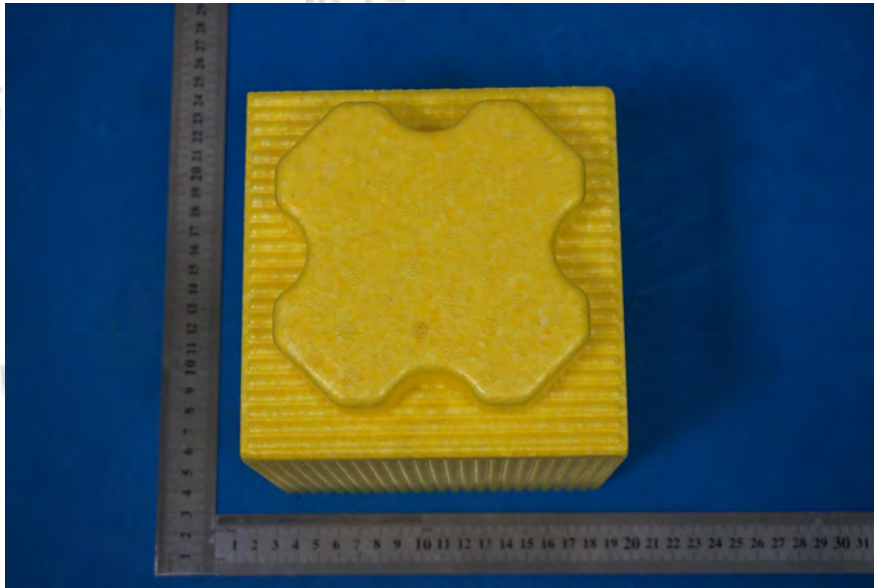
Note:

-MDL = Method Detection Limit

-N.D. = Not Detected (<MDL)

-% = Percentage by weight

Photograph of Sample



***** End of Report *****