

**Report No.:** 0154236320a 001 Page 1 of 7

**Client:** HANGZHOU ZHIBANG TOYS FACTORY  
No. 22 Qiaoyuan Road, Xiaoshan District, Hangzhou, China

**Test item(s):** Toys

**Identification/** EVA Foam Blocks

**Model No(s):**

**Sample Receiving date:** 2017-03-28

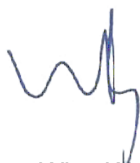
**Testing Period:** 2017-03-28 - 2017-04-06

<b>Test Specification:</b>	<b>Test result:</b>
1. EN 71 - 1 : 2014 Mechanical and physical properties(As per client's request, the clause 6 packaging and the clause 7 warnings and instructions for use and the labeling requirements of 2009/48/EC and CE-Marking were excluded.)	PASS
2. 2009/48/EC Labeling Requirement (Importer/ Manufacturer Mark, Product Identification, Washing/ Cleaning instruction)	Please refer to test page
3. EN 71 - 2 : 2011+A1 :2014 Flammability	PASS
4. EN71-3:2013+A1:2014 Migration of 19 Elements	PASS

**Other information:**

Packaging provided: No  
The provided age grade of the item: Over 36 months.  
The appropriate age grade of the item: Over 18 months.  
As per client's requests, the item was tested over 36 months.

For and on behalf of  
TÜV Rheinland (Shanghai) Co., Ltd.



2017-04-24 Wice Wang / Section Manager

*Date* *Name/Position*

*Test result is drawn according to the kind and extent of tests performed.  
This test report relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.*

**Test Report No.: 0154236320a 001**

Page 2 of 7

**Material List:**

Item: EVA Foam Blocks

<b>Material No.</b>	<b>Material</b>	<b>Color</b>	<b>Location</b>
M001	Whole Product	Purple	EVA mat
M002	Foam material	Purple	refer to photo

**Test Report No.: 0154236320a 001**

Page 3 of 7

**1. EN71 - 1:2014 Mechanical and physical properties**
**Test result:**

	Test No :	T001
	Material No:	M001
<b>4. General requirements</b>		
4.1 Material cleanliness		PASS
4.7 Edges		PASS
4.8 Points and metallic wires		PASS
<b>6. Packaging</b>		
		N.C.*1
<b>7. Warnings, markings and instructions for use</b>		
7.1 General		N.C.*1
7.2 Toys not intended for children under 36 months		N.C.*1

The clause and/or sub-clause would be indicated only in the test report whichever applicable. The comprehensive result report is available upon request.

**Remark:**

- \*1 As per client's request, the clause 6 packaging and the clause 7 warnings and instructions for use and the labeling requirements of 2009/48/EC and CE-Marking were excluded.

**Test Report No.: 0154236320a 001**

Page 4 of 7

**2. 2009/48/EC Labeling Requirement (Importer/ Manufacturer Mark, Product Identification, Washing/ Cleaning instruction)****Test result:**

Test No:	T001
Material No:	M001
Importer/ Manufacturer Mark (European Company name and address)+	Absent
Product Identification - type, batch, serial or model number+	Absent

**Test Report No.: 0154236320a 001**

Page 5 of 7

**3. EN 71 - 2: 2011+A1 :2014 Flammability****Test result:**

	Test No:	T001
	Material No:	M001
4.1 General		PASS

The clause and/or sub-clause would be indicated only in the test report whichever applicable. The comprehensive result report is available upon request.

**Test Report No.: 0154236320a 001**

Page 6 of 7

**4. EN71-3:2013+A1:2014 Migration of 19 Elements**

Test Method: with reference to EN71-3:2013+A1:2014, for inorganic elements, analyzed by ICP-OES or ICP-MS.

**3) For scraped-off toy materials:**

				Test No.	T001
				Material No.	M002
Test Parameter	Unit	RL	Regulatory Requirement	Result	
Aluminium (Al)	mg/kg	10	70000	n.d.	
Antimony (Sb)	mg/kg	1	560	n.d.	
Arsenic (As)	mg/kg	1	47	n.d.	
Barium (Ba)	mg/kg	2.5	18750	n.d.	
Boron (B)	mg/kg	10	15000	n.d.	
Cadmium (Cd)	mg/kg	1	17	n.d.	
Chromium (Cr)	mg/kg	0.15	-	n.d.	
Chromium (III) (Cr (III))§	mg/kg	0.15	460	-	
Chromium (VI) (Cr (VI))§	mg/kg	0.15	0.2	-	
Cobalt (Co)	mg/kg	2.5	130	n.d.	
Copper (Cu)	mg/kg	2.5	7700	4.5	
Lead (Pb)	mg/kg	2.5	160	n.d.	
Manganese (Mn)	mg/kg	2.5	15000	n.d.	
Mercury (Hg)	mg/kg	1	94	n.d.	
Nickel (Ni)	mg/kg	2.5	930	n.d.	
Selenium (Se)	mg/kg	2.5	460	n.d.	
Strontium (Sr)	mg/kg	2.5	56000	2.5	
Tin (Sn)	mg/kg	1.0	180000	n.d.	
Organic Tin <sup>^</sup>	mg/kg	1.0	12	-	
Zinc (Zn)	mg/kg	10	46000	46.3	

**Abbreviation:** n.d. = Not Detected (< RL)  
 RL = Reporting Limit  
 mg/kg denotes milligram per kilogram  
 § denotes Cr(III) and Cr(VI) are not necessary to be determined when the Combined Chromium concentration value is less than the requirement  
 ^ denotes Organic tin are not necessary to be determined when the Tin concentration is less than calculated limit (3.9 mg/kg) or the components were confirmed to be pure metal

**Test Report No.: 0154236320a 001**

Page 7 of 7

Sample Photo



- END -