

Test Report

Applicant: Jen Yau Enterprise Co., LTD.
12, Lu Kong North-6 Rd.,
Lu kang Township, Changhua County 50544,
Taiwan, R.O.C.

Number : TWNC01001070

Issue Date : Jul 29, 2021

Sample Description:

One (1) Piece of Submitted Sample Said To Be :
Item Name : EVA Foam Mat
Item No. : MT1002A with Tatami finish
Color : Red/ Blue
Date Sample Received : Jul 12, 2021
Date Test Started : Jul 19, 2021

Test Conducted:

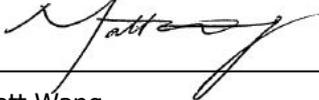
As requested by the applicant, for details please refer to attached pages.

Conclusion:

<u>Tested sample</u>	<u>Standard</u>	<u>Result</u>
Submitted Samples	Mechanical and physical properties – As per European standard on safety of toys EN71 part 1: 2014 + A1 : 2018 excluding labelling requirement of clause 7	Pass
	Flammability test – As per European standard on safety of toys EN 71 part 2: 2020	Pass
Tested Components of Submitted Samples	19 Toxic Element Migration Test – As per applicant's request with reference to European standard on safety of toys EN 71-3:2019+A1:2021	Pass

Authorized By:
On behalf of Intertek Testing Services
Taiwan Limited




Matt Wang
Director

Signed by:



Thomas Chou
Manager



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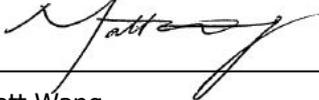
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- Note : The attention of the applicant is drawn to the need for the item to be labeled as below
- Toys made available on the market shall bear the CE marking. The CE marking shall be subject to the general principles set out in Article 30 of Regulation (EC) No 765/2008. The CE marking shall be affixed visibly, legibly and indelibly to the toy, to an affixed label or to the packaging. In the case of small toys and toys consisting of small parts, the CE marking may alternatively be affixed to a label or an accompanying leaflet. Where, in the case of toys sold in counter displays, that is not technically possible, and on condition that the counter display was originally used as packaging for the toy, the CE marking may be affixed to the counter display. Where the CE marking is not visible from outside the packaging, if any, it shall as a minimum be affixed to the packaging. Where specific legislation does not impose specific dimensions, the CE marking shall be at least 5 mm high.
 - The manufacturer's name, registered trade name or registered trade mark and the address at which the manufacturer can be contacted shall be indicated on the toy or, where that is not possible, on its packaging or in a document accompanying the toy. This requirement applies also to the name and address etc. of any importer.
 - Manufacturers shall ensure that their toys bear a type, batch, serial or model number or other element allowing their identification, or where the size or nature of the toy does not allow it, that the required information is provided on the packaging or in a document accompanying the toy.
 - Manufacturers and importers shall ensure that the toy is accompanied by instructions and safety information in a language or languages easily understood by consumers, as determined by the Member State concerned.
 - A Member State may, within its territory, stipulate that warnings and safety instructions shall be written in a language or languages easily understood by consumers, as determined by that Member State.

If this information is not fixed to the toy itself, it should be accompanied by a notice in advising the purchaser to retain it.

Authorized By:
On behalf of Intertek Testing Services
Taiwan Limited




Matt Wang
Director

Signed by:



Thomas Chou
Manager



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Test Conducted :

1. Mechanical and Physical Properties

As per European standard on safety of toys EN 71 part 1:2014 + A1 : 2018

Appropriate age group for testing # : For all ages

<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# (See Note)

Remarks : P = Pass ; NA = Not applicable
 * = The following subclauses of the standard are found applicable :

- 1) 4.1 Material cleanliness
- 2) 4.7 Edges
- 3) 4.8 Points and metallic, wires
- 4) 5.1 General requirements
- 5) 7.1 General

2. Flammability Test

As per European standard on safety of toys EN 71 part 2 : 2020

<u>Clause</u>	<u>Testing item</u>	<u>Assessment</u>
4.1	General	
	– Cellulose nitrate	P
	– Highly flammable solids	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



Test Conducted :

3. 19 Toxic Element Migration Test

As per applicant's request with reference to EN 71-3:2019+A1:2021 and followed by Inductively Coupled Plasma-Optical Emission Spectrometer (ICP-OES) and Inductively Coupled Plasma Mass Spectrometer (ICP-MS). Further confirmation test was determined by High Performance Liquid Chromatography with Diode Array Detection (HPLC-DAD), Liquid Chromatography /Inductively Coupled Plasma Mass Spectrometer (LC/ICP-MS), and Gas Chromatography-Mass Spectrometer (GC-MS) when necessary.

Category III: Scraped-off toy material

Element	Result (mg/kg)		Detection limit (mg/kg)	Limit (mg/kg)
	(1)	(2)		
Aluminium (Al)	ND	ND	300	28130
Antimony (Sb)	ND	ND	10	560
Arsenic (As)	ND	ND	10	47
Barium (Ba)	20	ND	10	18750
Boron (B)	ND	ND	50	15000
Cadmium (Cd)	ND	ND	5	17
Chromium (III) (Cr(III))	ND	ND	10	460
Chromium (VI) (Cr(VI))	ND	ND	0.025	0.053
Cobalt (Co)	ND	ND	10	130
Copper (Cu)	ND	ND	10	7700
Lead (Pb)	ND	ND	10	23
Manganese (Mn)	ND	ND	10	15000
Mercury (Hg)	ND	ND	10	94
Nickel (Ni)	ND	ND	10	930
Selenium (Se)	ND	ND	10	460
Strontium (Sr)	ND	ND	100	56000
Tin (Sn)	ND	ND	10	180000
Organic tin	ND	ND	3.0	12
Zinc (Zn)	352	262	100	46000

Remarks: ND = Not detected

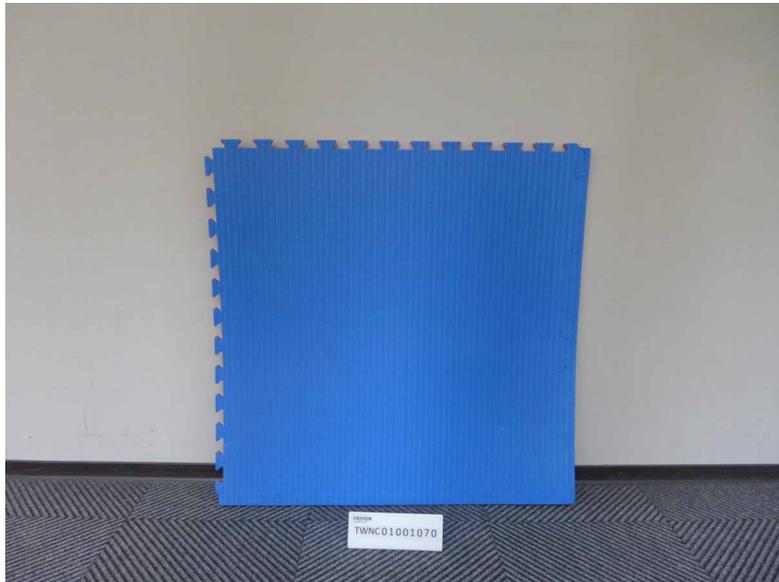
- Unless test result was marked with "Δ", organic tin content was derived from migration tin (Sn) content.
- According to the annex F to EN 71-3:2019+A1:2021, the content of chromium (III) from the migration solution was calculated through the formula: chromium (III) = total chromium – chromium(VI).

Tested Components :

- (1) Blue foam
- (2) Red foam



Sample photo:



End of Report

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Reporting Statements of Conformity: Please note that the test results contain statement of conformity with the decision rules which are based on the specifications of customers, regulations and standards, and does not consider measurement uncertainty.

