



**Test Report**

Number: SHAH01064675

Applicant: NINGBO VIGA INTERNATIONAL CO.,LTD  
20F, 588 CANGHAI ROAD, NINGBO, ZHEJIANG  
CHINA.  
Attn: AMY

Date: 21 Feb, 2019

**Sample Description:**

One (1) set of submitted sample said to be :

Item Name : **Magnetic Shapes & Box.**  
Item No : **59687.**  
Quantity Of Submitted Sample : 1 set.  
Packaging Provided By Applicant : Yes.  
Labelled Age Group : 3+.  
Country Of Origin : China.

**Tests Conducted:**

As requested by the applicant, for details refer to attached page(s).

**Conclusion:**

| <u>Tested samples</u> | <u>Standard</u>   | <u>Result</u> |
|-----------------------|---|---------------|
| Submitted sample set  | EN71-1: 2014+ A1: 2018 for Mechanical And Physical Properties | Pass          |
|                       | EN71-2: 2011+A1: 2014 Flammability Test                       | Pass          |

To be continued

Prepared And Checked / Authorized By:

*Fred Li*

Fred Li  
Toy Lab Assistant Supervisor



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### Tests Conducted

#### 1 Mechanical and Physical Test

As Per European Standard on Safety of Toys EN71-1: 2014+ A1: 2018.

Applicant's Specified Age Group for Testing: For ages 3 years and up

|   |         |                 |
|---|---------|-----------------|
| The submitted samples were undergone the following abuse tests: |         |                 |
| Test  | Clause  | Parameter       |
| Torque Test   | 8.3     | 0.34 Nm         |
| Tension Test  | 8.4.2.1 | 90 N            |
| Drop Test   | 8.5     | 850 mm x 5times |
| Impact Test   | 8.7     | 1 kg            |
| Compression Test  | 8.8     | 110 N           |
| Soaking Test  | 8.9     | --              |

| Clause | Testing Items  | Assessment |
|--------|--|------------|
| 4      | General Requirements   |            |
| 4.1    | Material   | P          |
| 4.2    | Assembly   | NA         |
| 4.3    | Flexible plastic sheeting  | NA         |
| 4.4    | Toy bags   | NA         |
| 4.5    | Glass  | NA         |
| 4.6    | Expanding materials  | NA         |
| 4.7    | Edges  | P          |
| 4.8    | Points and metallic wires  | P          |
| 4.9    | Protruding parts   | NA         |
| 4.10   | Parts moving against each other  | P          |
| 4.11   | Mouth actuated toys and other toys intended to be put in the mouth                   | NA         |
| 4.12   | Balloons   | NA         |
| 4.13   | Cords of toy kites and other flying toys   | NA         |
| 4.14   | Enclosures   | NA         |
| 4.15   | Toys intended to bear the mass of a child  | NA         |
| 4.16   | Heavy immobile toys  | NA         |
| 4.17   | Projectile toys  | NA         |
| 4.18   | Aquatic toys and inflatable toys   | NA         |
| 4.19   | Percussion caps specifically designed for use in toys and toys using percussion caps | NA         |
| 4.20   | Acoustics  | NA         |
| 4.21   | Toys containing a non-electrical heat source   | NA         |
| 4.22   | Small balls  | NA         |
| 4.23   | Magnets  | P          |

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| Clause | Testing Items   | Assessment |
|--------|---|------------|
| 4.24   | Yo-yo balls   | NA         |
| 4.25   | Toys attached to food   | NA         |
| 4.26   | Toy disguise costumes   | NA         |
| 4.27   | Flying toys   | NA         |
| 5      | Toys intended for Children under 36 Months                                  |            |
| 5.1    | General requirements  | NA         |
| 5.2    | Soft-filled toys and soft-filled parts of a toy                             | NA         |
| 5.3    | Plastic sheeting  | NA         |
| 5.4    | Cords, chains and electrical cables in toys                                 | NA         |
| 5.5    | Liquid filled toys  | NA         |
| 5.6    | Speed limitation of electrically-driven ride-on toys                        | NA         |
| 5.7    | Glass and porcelain   | NA         |
| 5.8    | Shape and size of certain toys  | NA         |
| 5.9    | Toys comprising monofilament fibres   | NA         |
| 5.10   | Small balls   | NA         |
| 5.11   | Play figures  | NA         |
| 5.12   | Hemispheric-shaped toys   | NA         |
| 5.13   | Suction cups  | NA         |
| 5.14   | Straps intended to be worn fully or partially around the neck               | NA         |
| 5.15   | Sledges with cords for pulling  | NA         |
| 6      | Packaging   | NA         |
| 7      | Warnings, markings and instructions for use                                 |            |
| 7.1    | General   | P          |
| 7.2    | Toys not intended for children under 36 months                              | P          |
| 7.3    | Latex balloons  | NA         |
| 7.4    | Aquatic toys  | NA         |
| 7.5    | Functional toys   | NA         |
| 7.6    | Hazardous sharp functional edges and points                                 | NA         |
| 7.7    | Projectile toys   | NA         |
| 7.8    | Imitation protective masks and helmets                                      | NA         |
| 7.9    | Toy kites   | NA         |
| 7.10   | Roller skates, inline skates and skateboards and certain other ride-on toys | NA         |
| 7.11   | Toys intended to be strung across a cradle, cot, or perambulator            | NA         |
| 7.12   | Liquid-filled teethingers   | NA         |
| 7.13   | Percussion caps specifically designed for use in toys                       | NA         |
| 7.14   | Acoustics   | NA         |
| 7.15   | Toy bicycles  | NA         |
| 7.16   | Toys intended to bear the mass of a child                                   | NA         |

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| Clause | Testing Items   | Assessment |
|--------|---|------------|
| 7.17   | Toys comprising monofilament fibres   | NA         |
| 7.18   | Toy scooters  | NA         |
| 7.19   | Rocking horses and similar toys   | NA         |
| 7.20   | Magnetic/electrical experimental sets   | NA         |
| 7.21   | Toys with electrical cables exceeding 300 mm in length                                    | NA         |
| 7.22   | Toys with cords or chains intended for children of 18 months and over but under 36 months | NA         |
| 7.23   | Toys intended to be attached to a cradle, cot or perambulator                             | NA         |
| 7.24   | Sledges with cords for pulling  | NA         |
| 7.25   | Flying toys   | NA         |
| 7.26   | Improvised projectiles  | NA         |

Remark: P = Pass

NA = Not Applicable

Remark: Additional information according to the Toy Safety Directives 2009/48/EC requirement. These information also appears as a note within the EN71 but are not standard requirements:

**1. Marking**

The manufacturer's and importer's name, registered trade name or registered trade mark, the address and the CE-marking shall be indicated on the toy or, where that is not possible, on its packaging or in a document accompany the toy. In addition, 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.

- Manufacturer's name and address was on the packaging.
- Importer's name and address was missed.
- Product identification code was on the packaging.
- CE-marking was on the packaging.

Date Sample Received: 18 Feb, 2019

Testing Period: 18 Feb, 2019 To 19 Feb, 2019

To be continued





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Tests Conducted

2 Flammability Test

As per European Standard on Safety of Toys EN71-2: 2011+A1: 2014

| Clause | Testing Items  | Assessment |
|--------|--|------------|
| 4.1    | General  | P          |
| 4.2    | Toys to be worn on the head  |            |
| 4.2.2  | Beards, moustaches, wigs, etc., made from hair, pile or material with similar features, which protrude 50 mm or more from the surface of the toy   | NA         |
| 4.2.3  | Beards, moustaches, wigs, etc., made from hair, pile or material with similar features, which protrude less than 50 mm from the surface of the toy | NA         |
| 4.2.4  | Full or partial moulded head masks   | NA         |
| 4.2.5  | Flowing elements of toys to be worn on the head  | NA         |
| 4.3    | Toy Disguise Costumes and Toys Intended to be Worn by a Child in Play  | NA         |
| 4.4    | Toys Intended to be Entered by a Child   | NA         |
| 4.5    | Soft Filled Toys   | NA         |

Remark : P = Pass

NA = Not Applicable

Date Sample Received: 18 Feb, 2019

Testing Period: 18 Feb, 2019 To 19 Feb, 2019

To be continued



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\*\*\*\*\*  
End of report

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