

Report No.: **326052013b 001**

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Client: **HAPE INTERNATIONAL (NINGBO)LTD**

Contact Information: **HAPPY ARTS&CRAFTS(NINGBO)CO.LTD  
9-27NANHAI ROAD.DAGANG INDUSTRIAL  
CITY.BEILUN,NINGBO.CHINA**

Test item(s): **Toy**

Identification/  
Model No(s): **Refer to detail list**

Sample obtaining method: **Sending by customer**

Condition at delivery: **Test item complete and undamaged.**

Sample Receiving date: **2024-09-13**

Testing Period: **2024-09-13 to 2024-09-24**

Place of testing: **Toys laboratory Shanghai**

**Test Specification:**

- |   |      |
|---|------|
| 1. ASTM F963-23: Mechanical and physical  | PASS |
| 2. ASTM F963-23: Flammability on solid and soft toys                                      | PASS |
| 3. Tracking label per CPSIA section 103 and ASTM F963-23 Section 5.1.2                    | PASS |
| 4. CPSC 16 CFR 1500.48, 1500.49, 1501 Mechanical and Physical Test                        | PASS |
| 5. Flammability Test of Rigid and Pliable Solids (Part 1500.3(C)(6)(VI) 16 C.F.R. U.S.A.) | PASS |

**Test result:**

**Other information:**

Country of Origin: China

Sales Destination: Global

Packaging provided: Yes

The provided age grade of the item: Over 36 months.

The appropriate age grade of the item: Over 36 months.

The item was tested over 36 months.

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



2024-09-29

Date

  
Gary Zhu / Section Manager

Name/Position

Sample information is provided by customer. Test result is drawn according to the kind and extent of tests performed.

This test report relates to the above mentioned 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.

"Decision Rule" document announced in our website (<https://www.tuv.com/landingpage/en/qm-gcn/>) describes the statement of conformity and its rule of enforcement for test results are applicable throughout this test report.

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Item-No	Item-No	EN Item Description	CN Item Description	Age
22411	B22411	FIND Monty retail	寻找蒙提零售版本 FSC	3Y+
22451	B22451	Torreta-retail	海瑞塔零售版本FSC	3Y+
22461	B22461	CANDY RETAIL	糖果游戏零售版本 FSC	3Y+
22471	B22471	Shapy	形状游戏 (彩盒装) FSC	3Y+
22481	B22481	Rondo Vario-retail	毛毛虫游戏零售版本FSC	3Y+
22510	B22510	Tropicano	宝岛探险 FSC	3Y+



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**Material List:**

Item: Refer to detail list

Material No.	Material	Color	Location
M001	Whole Product	multicolor	B22411
M002	Whole Product	multicolor	B22451
M003	Whole Product	multicolor	B22461
M004	Whole Product	multicolor	B22471
M005	Whole Product	multicolor	B22481
M006	Whole Product	multicolor	B22510



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**1.ASTM F963-23: Mechanical and physical**
**Test result:**

Test No:	T001
Material No:	M001-M006
<b>4. Safety requirements</b>	
4.1 Material Quality (visual check)	PASS
4.6 Small Objects	PASS
4.7 Accessible Edges	PASS
4.8 Projections	PASS*1
4.9 Accessible Points	PASS
4.11 Nails and Fasteners	PASS*1
4.12 Plastic Film	PASS*2
<b>5. Labeling Requirements</b>	
5.1.2 Tracking Label	PASS
5.2 Age Grading Labeling	PASS
5.3 Safety Labeling Requirements	PASS
5.11 Small Objects, Small Balls, Marbles and Balloons	PASS
5.15 Promotional Materials	PASS
<b>6. Instructional Literature</b>	
<b>7. Producer's Markings</b>	

**Use and Abuse Tests:**

The submitted samples were undergone the use and abuse tests in accordance with FHSA 16 CFR and whichever is applicable the tested age grade.

According to the Laboratory Test Manual from CPSC, 12 submitted samples are equally divided for carrying out the use and abuse testing.

Age Category	Drop Test	Flexure Test	Torque Test	Tension Test	Compression Test
0-18 Months 16 CFR 1500.51	10 x 4.5 ft	120 Arc 30 Cycles 10 lbs	2 in-lbf	10 lbf	20 lbf
19-36 Months 16 CFR 1500.52	4 x 3 ft	120 Arc 30 Cycles 15 lbs	3 in-lbf	15 lbf	25 lbf
37-96 Months 16 CFR 1500.53	4 x 3 ft	120 Arc 30 Cycles 15 lbs	4 in-lbf	15 lbf	30 lbf

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 This clause is applicable to M006.
- \*2 This clause is applicable to M005.



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**2.ASTM F963-23: Flammability on solid and soft toys**
**Test result:**

	Test No:	T001
	Material No:	M001
<b>4.2 Flammability on solids and soft toys</b>		PASS

The burning rate of the most severe part = 0.015 Inch/sec\*.

Note: Maximum permissible burning rate = 0.1 Inch/sec.

	Test No:	T002
	Material No:	M002
<b>4.2 Flammability on solids and soft toys</b>		PASS

The burning rate of the most severe part = DNI

Note: Maximum permissible burning rate = 0.1 Inch/sec.

	Test No:	T003
	Material No:	M003
<b>4.2 Flammability on solids and soft toys</b>		PASS

The burning rate of the most severe part = 0.079 Inch/sec\*.

Note: Maximum permissible burning rate = 0.1 Inch/sec.

	Test No:	T004
	Material No:	M004
<b>4.2 Flammability on solids and soft toys</b>		PASS

The burning rate of the most severe part = 0.079 Inch/sec\*.

Note: Maximum permissible burning rate = 0.1 Inch/sec.

	Test No:	T005
	Material No:	M005
<b>4.2 Flammability on solids and soft toys</b>		PASS

The burning rate of the most severe part = DNI

Note: Maximum permissible burning rate = 0.1 Inch/sec.

	Test No:	T006
	Material No:	M006
<b>4.2 Flammability on solids and soft toys</b>		PASS

The burning rate of the most severe part = DNI

Note: Maximum permissible burning rate = 0.1 Inch/sec.

**Abbreviation:** DNI = Did Not Ignite / IBE = Ignite But Self-extinguish


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**3.Tracking label per CPSIA section 103 and ASTM F963-23 Section 5.1.2**

**Test Result:**

	Test No:	T001
	Material No:	M001-M006
Present On Packaging		PASS
Present On Product		PASS

**Remark:**

- \* If there is a tracking label on the product which is visible through disposable packaging, the packaging need not be marked.
- \*\* The correct adherence to all requirements according to CPSIA Tracking label in regards to the marking of:
  - (1) Manufacturer or private labeler name;
  - (2) Location and date of production of the product;
  - (3) Detailed information on the manufacturing process, such as a batch or run number, or other identifying characteristics; and,
  - (4) Any other information to facilitate ascertaining the specific source of the product; can only be confirmed by the manufacturer/trader/applicant. The presence of related information was assessed; however, they cannot be verified in the frame of this test.



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**4.CPSC 16 CFR 1500.48, 1500.49, 1501 Mechanical and Physical Test**

**Test result:**

Test No.	Material No.	Description	Test Method	Result
T001	M001-M006	16 CFR 1500.48	Requirement for sharp points (0- 96 months)	PASS
		16 CFR 1500.49	Requirement for sharp edges - metal or glass (0- 96 months)	PASS

**Use and Abuse Tests:**

The submitted samples were undergone the use and abuse tests in accordance with FHSA 16 CFR and whichever is applicable the tested age grade.

Age Category	ImpactTest	Flexure Test	Torque Test	Tension Test	Compression Test
0-18 Months 16 CFR 1500.51	10 x 4.5 ft	120 Arc 30 Cycles 10 lbs	2 in-lbs	10 lbs	20 lbs
19-36 Months 16 CFR 1500.52	4 x 3 ft	120 Arc 30 Cycles 15 lbs	3 in-lbs	15 lbs	25 lbs
37-96 Months 16 CFR 1500.53	4 x 3 ft	120 Arc 30 Cycles 15 lbs	4 in-lbs	15 lbs	30 lbs



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**5.Flammability Test of Rigid and Pliable Solids (Part 1500.3(C)(6)(VI) 16 C.F.R. U.S.A.)**
**Test result:**

Test No.	Material No.	Burn rate (inch/second)	Result
T001	M001	0.015	PASS
T002	M002	DNI	PASS
T003	M003	0.079	PASS
T004	M004	0.079	PASS
T005	M005	DNI	PASS
T006	M006	DNI	PASS

Note: Maximum permissible burning rate = 0.1 inch/sec.

DNI = Did Not Ignite / Abbreviation: IBE = Ignite But Self-extinguish





Sample Photos



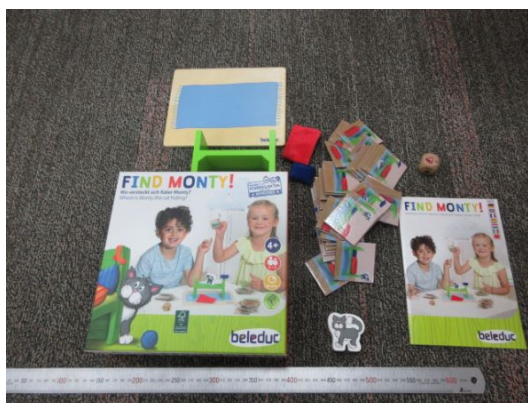
B22451



B22481



B22471



B22411



B22461



B22510

- END -



