

Report No.: **326029954b 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: **2024-06-11**

Testing Period: **2024-06-11 to 2024-08-14**

Place of testing: **Toys laboratory Shanghai**

Test Specification:

Test Specification:	Test result:
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

Other information:

Country of Origin: China

Sales Destination: Global

Packaging provided: Artwork

The provided age grade of the item: Refer to detail list

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

The item was tested for: M001,M005 Over 36 months; M002-M004 Over 18 months as per client's requirement.

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



2024-08-26

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	EN Item Description	CN Item Description	Age
B11014	XXL puzzle Wild animalFSC	学习拼图-野生动物FSC	3Y+
B11557	HUMANICO_Professions	趣味配对-职业FSC	18M+
B11582	Nawito TierartenFSC	趣味配对-物种分类 FSC	24M+
B16212	Flower meadow	地面拼图-牧场花园 FSC	24M+
B17062	Layer-Puzzle "Dinosaurs"	多层拼图-恐龙FSC	3Y+



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Material List:

Item: Refer to detail list

Material No.	Material	Color	Location
M001	Whole Product	multicolor	XXL puzzle Wild animalFSC, B11014
M002	Whole Product	multicolor	HUMANICO_Professions, B11557
M003	Whole Product	multicolor	Nawito TierartenFSC, B11582
M004	Whole Product	multicolor	Flower meadow, B16212
M005	Whole Product	multicolor	Layer-Puzzle "Dinosaurs", B17062



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

Test No:	T001
Material No:	M001-M005
4. Safety requirements	
4.1 Material Quality (visual check)	PASS
4.6 Small Objects	PASS
4.7 Accessible Edges	PASS
4.9 Accessible Points	PASS
4.12 Plastic Film	PASS*1
5. Labeling Requirements	
5.1.2 Tracking Label	PASS
5.15 Promotional Materials	PASS
6. Instructional Literature	
6.1 Definition and Description	PASS
7. Producer's Markings	
7.1 Name and address of the producer or the distributor	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.

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 M005



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

	Test No:	T001
	Material No:	M001-M005
4.2 Flammability on solids and soft toys		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-M005
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-M005	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
		16 CFR 1501	Requirement for small parts (0-36 months)	PASS*1

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	Impact 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-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

Remark:

*1 This clause is applicable to M002,M003,M004



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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-M005	DNI	PASS

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

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



Sample Photos



B11014



B11557



B11582



B16212



B17062

- END -



