



中国认可
国际互认
检测
TESTING
CNAS L3150



Test Report

No.: ED210330002C002

Date: Apr. 06, 2021

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Applicant : SHANTOU CITY CHENGHAI DISTRICT HUA RONG CRAFT TOY
FACTORY

Address : CHENGHAI DISTRICT, SHANTOU CITY, GUANGDONG PROVINCE,
CHINA

Sample Name : Pull back

Style/Item No. : Please refer to the page 3

Labeled Age Grading : 3+

Requested Age Grading : 3+

Age Group Applied in Testing : Over 3 years

Received Date : Mar. 30, 2021

Test Period : Mar. 30, 2021 ~ Apr. 06, 2021

Test Requested : As specified by the client, for compliance with the test requirement of ASTM
F963-17 Standard Consumer Safety Specification on Toy Safety.

Test Results : Please refer to next page (s).

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Executive Summary:

STANDARD

CONCLUSION

ASTM F963-17 Standard Consumer Safety Specification for Toy Safety

PASS



Signed for and on behalf of

EMTEK(Dongguan) Co., Ltd.

Prepared by:

Kay
Li Huilan, Kay

Report Engineer

Reviewed by:

Carrie
Zhang Hongjing, Carrie

Supervisor

Approved by:

Lisa
Li Wei, Lisa

Authorized signatory
Apr. 06, 2021

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Style/Item No.

HR001、HR002、HR003、HR004、HR005、HR006、HR007、HR008、HR009、HR010、HR011、HR012、
HR013、HR014、HR015、HR016、HR017、HR018、HR019、HR020、HR021、HR021A、HR021B、
HR022A、HR022B、HR022、HR023、HR024、HR025、HR026、HR027、HR028、HR029、HR030、
HR031、HR032、HR033、HR034、HR035、HR036、HR037、HR038、HR039、HR040、HR041、HR042、
HR043、HR044、HR045、HR046、HR047、HR048、HR049、HR050、HR051、HR052、HR053、HR054、
HR055、HR056、HR057、HR058、HR059、HR060、HR061、HR062、HR063、HR064、HR065、HR066、
HR067、HR068、HR069、HR070、HR071、HR072、HR073、HR074、HR075、HR076、HR077、HR078、
HR079、HR080、HR081、HR082、HR083、HR084、HR085、HR086、HR087、HR088、HR089、HR090、
HR091、HR092、HR093、HR094、HR095、HR096、HR097、HR098、HR099、HR100



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Test Results:

1. ASTM F963-17 Standard Consumer Safety Specification for Toy Safety

AS SPECIFIED IN ASTM F963-17 STANDARD CONSUMER SAFETY SPECIFICATION ON TOYS SAFETY

Clause	Description	Result
4.	Safety Requirements	
4.1	Material Quality(Visual Examination).....	Pass
4.2	Flammability	Pass (See Note 1)
4.3	Toxicology	
4.3.1	Hazardous Substances	N/A
4.3.2	Manufacturing and Packaging of Food	N/A
4.3.3	Indirect Food Additives	N/A
4.3.4	Cosmetics	N/A
4.3.5	Heavy Elements	N/A
4.3.6	Cosmetics, Liquids, Pastes, Putties, Gels and Powders	N/A
4.3.7	Stuffing Materials.....	N/A
4.3.8	DEHP	N/A
4.4	Electrical/Thermal Energy.....	N/A
4.5	Sound-producing Toys.....	N/A
4.6	Small Objects	
4.6.1	Toys that are intended for children under 36 months of age.....	N/A
4.6.2	Mouth-Actuated Toys.....	N/A
4.6.3	Toys and games that are intended for use by children who are at least three years old but less than six years of age.....	Pass
4.7	Accessible Edges.....	Pass
4.8	Projections.....	Pass
4.9	Accessible Points.....	Pass
4.10	Wires or Rods	N/A
4.11	Nails and Fasteners.....	Pass
4.12	Plastic Film.....	Pass
4.13	Folding Mechanisms and Hinges.....	N/A
4.14	Cords, Straps, and Elastics	N/A
4.15	Stability and Over-Load Requirements.....	N/A
4.16	Confined Spaces.....	N/A
4.17	Wheels, Tires and Axles.....	Pass
4.18	Holes, Clearance and Accessibility of Mechanisms.....	Pass
4.19	Simulated Protective Devices.....	N/A
4.20	Pacifiers.....	N/A
4.21	Projectile Toys.....	N/A

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Clause	Description	Result
4.22	Teethers and Teething Toys.....	N/A
4.23	Rattles.....	N/A
4.24	Squeeze Toys.....	N/A
4.25	Battery-Operated Toys.....	N/A
4.26	Toys Intended to be Attached to a Crib or Playpen.....	N/A
4.27	Stuffed and Beanbag-Type Toys.....	N/A
4.28	Stroller and Carriage Toys.....	N/A
4.29	Art Materials.....	N/A
4.30	Toy Gun Marking.....	N/A
4.31	Balloons.....	N/A
4.32	Certain Toys with Nearly Spherical Ends.....	N/A
4.33	Marbles.....	N/A
4.34	Balls.....	N/A
4.35	Pompoms.....	N/A
4.36	Hemispheric-Shaped Objects.....	N/A
4.37	Yo-Yo Elastic Tether Toys.....	N/A
4.38	Magnets.....	N/A
4.39	Jaw Entrapment in Handles and Steering Wheels.....	N/A
4.40	Expanding Materials.....	N/A
4.41	Toy Chests.....	N/A
5.	<u>Safety Labeling Requirements</u>	
5.1	Federal Government Requirements.....	N/A
5.2	Age Grading Labeling.....	Pass
5.3	Safety Labeling Requirements.....	Pass
5.4	Aquatic Toys.....	N/A
5.5	Crib and Playpen Toys.....	N/A
5.6	Mobiles.....	N/A
5.7	Stroller and Carriage Toys.....	N/A
5.8	Toys Intended to be Assembled by an Adult.....	N/A
5.9	Simulated Protective Devices.....	N/A
5.10	Toys with Functional Sharp Edges or Points.....	N/A
5.11	Small Objects, Small Balls, Marbles and Balloons.....	Pass
5.12	Toy Caps.....	N/A
5.13	Art Materials.....	N/A
5.14	Electric Toys.....	N/A
5.15	Battery-Operated Toys.....	N/A
5.16	Promotional Materials.....	Pass

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Clause	Description	Result
5.17	Magnets	N/A
6.	<u>Instructional Literature</u>	
6.1	Definition and Description.....	Pass
6.2	Crib and Playpen Toys.....	N/A
6.3	Mobiles.....	N/A
6.4	Toys Intended to be Assembled by an Adult.....	N/A
6.5	Battery-Operated Toys.....	N/A
6.6	Battery Powered Ride-on Toys.....	N/A
6.7	Toys in contact with Food.....	N/A
6.8	Toy Chests.....	N/A
7.	<u>Producer's Markings</u>	
7.1	Producer's Markings	Pass
7.2	Battery-Powered Ride-on Toys.....	N/A
7.3	Toy Chests.....	N/A
8.	<u>Test Method</u>	
8.5	Normal Use Testing.....	Pass
8.5.1	Washable Toys.....	N/A
8.7	Impact Test.....	Pass
8.8	Torque Test.....	Pass
8.9	Tension Test.....	Pass
8.9.1	Seam Test.....	N/A
8.10	Compression Test.....	N/A
8.12	Flexure Test.....	N/A
8.16	Tension Test for Pompoms.....	N/A
8.25	Magnet test method.....	N/A

N/A = Not Applicable

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Test Results:

Note 1

Flammability Test

ASTM F963-17 – Flammability test (Clause 4.2)

Flammability Test on Solid

Sample

Pull back

Burning Rate (inch/sec)

0.02

Limit (inch/sec)

0.1



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Test Results:

Note 2

Heavy Elements

Remark: After normal use and abuse test, no metallic component (small part) was found.

Heavy metal content in Toy Substrate Materials: ASTM F963-17 Section 4.3.5.1

Test Method: Samples were extracted in diluted hydrochloric acid in accordance with ASTM F963-17 (CLAUSE 8.3), and the analysis was performed by ICP-OES.

Test Item	Total	Soluble							
	Pb	Sb	As	Ba	Cd	Cr	Pb	Hg	Se
Requirement (mg/kg)	90	60	25	1000	75	60	90	60	500
Test Item No.	Adjusted Soluble Result (mg/kg)								
1	<2	<2	<2	<2	<2	<2	<2	<2	<2

Heavy metal content in Toy Substrate Materials: ASTM F963-17 Section 4.3.5.2

Test Method: Samples were extracted in diluted hydrochloric acid in accordance with ASTM F963-17 (CLAUSE 8.3), and the analysis was performed by ICP-OES.

Test Item	Total	Soluble							
	Pb	Sb	As	Ba	Cd	Cr	Pb	Hg	Se
Requirement (mg/kg)	100	60	25	1000	75	60	90	60	500
Test Item No.	Adjusted Soluble Result (mg/kg)								
2	<2	<2	<2	<2	<2	<2	<2	<2	<2
3	<2	<2	<2	<2	<2	<2	<2	<2	<2
4	<2	<2	<2	<2	<2	<2	<2	<2	<2
5	<2	<2	<2	<2	<2	<2	<2	<2	<2

Note: < = Less than mg/kg = part per million = ppm

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Tested Materials:

No.	Description
1	Multicolor coating on plastic
2	Silver hard plastic
3	Black hard plastic
4	White hard plastic
5	Black soft plastic

Note: The tested parts were designated by client.

Sample Photo



*** End of Report ***

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