

Test Report

Number: GZHH00502399

Applicant: RASTAR GROUP
XINGHUI INDUSTRIAL PARK,
XIADAO ROAD, SHANGHUA, CHENGHAI,
SHANTOU, GUANGDONG, CHINA

Date: Aug 01, 2023

Sample Description:

Nineteen (19) sets of submitted sample said to be :

Item Name	:	Model	R/C	Car
Item No./Description	:	94700	Red Bull F1	RB18
	:	99800	McLaren F1	MCL36
	:	57500	Lamborghini	Aventador J
	:	93300	McLaren F1	MCL36
	:	96300	McLaren	Senna
	:	95900	BMW	Z4
	:	53700	Lamborghini	Sesto Elemento
	:	98800	Lamborghini	Huracan STO
	:	96100	Aventador	SVJ
	:	98900	Bugatti	Divo
	:	48900	Ferrari	LaFerrari
	:	96700	McLaren	Senna
	:	97700	Lamborghini	Sian
	:	98700	Lamborghini	Huracan STO
	:	95700	Mercedes-Benz	G63
	:	99010	Dodge Charger	R/T engine Version
	:	79400	JEEP	Wrangler JL
	:	50100	Ferrari	LaFerrari
	:	98300	BMW	i4 Concept

Labelled Age Group : 6+
Appropriate Age Grading for : Over 6 Years
Testing
Packaging Provided by : Yes
Applicant
Country of Origin : China
Date Sample Received : Jul 21, 2023
Testing Period : Jul 21, 2023 ~ Aug 01, 2023

Tests conducted:

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

To be continued



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Conclusion:

<u>Tested sample</u>	<u>Standard</u>	<u>Result</u>
Submitted sample(s)	EN71-1:2014+A1:2018 for mechanical and physical properties	Pass
	EN 71-2: 2020 Flammability test	Pass

Approved:

蔡文伟

Wyman Chai
Supervisor



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Tests Conducted

1 Physical and Mechanical Tests

As per European Standard on Safety of toys EN71-1:2014+A1:2018

The submitted samples were undergone the following abuse tests:

Test	Clause	Parameter
Drop test	8.5	850 mm x 5 times
Impact test	8.7	1 kg

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 non-electrical heat source	NA
4.22	Small balls	NA
4.23	Magnets	NA
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



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Clause	Testing Items	Assessment
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, inlineskates and skateboards and certain other ride-on toys	NA
7.11	Toys intended to be attached to 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
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

= Age warning statement and indication of hazard was found on the packaging.



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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 and not accredited:

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.

	Toy	Packaging
Manufacturer's name	Present	Present
Manufacturer's address	Absent	Present
Importer's name	Absent	Absent
Importer's address	Absent	Absent
Product identification code	Absent	Present
CE-marking	Present	Present

Below is additional information checking according to the UK Toy (Safety) Regulations requirement.

Marking

The manufacturer's and importer's name, registered trade name or registered trademark, the address and type, batch, serial or model number or other element allowing their identification shall be indicated on the product itself.

After checking, it was found that

	Toy	Packaging
Name of authorised representative in Great Britain	Absent	Absent
Address of authorised representative in Great Britain	Absent	Absent
Product identification code	Present	Present

With reference to the guidance of using UKCA marking from 1 January 2021 by the Department for Business, Energy and Industrial Strategy published on 1 September 2020.

After checking UKCA marking, it was found that

	Toy	Packaging
UKCA marking	Absent	Present



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Tests Conducted

2 Flammability Test

Test Standard : European Standard on Safety of Toys EN 71 - 2: 2020

Clause	Testing Items	Assessment
4.1	General requirements	P
4.2	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



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Reference No./Description	:	46800	AUDI R8
		39000	Murcielago LP670-4
		39900	Porsche GT3 RS
		78200	Ford GT
		57400	Ferrari F1
		98400	Mercedes-AMG F1 W11 EQ Performance
		79500	JEEP Wrangler Rubicon
		95800	Mercedes-Benz G63 AMG
		93100	Hummer EV
		99900	Ferrari F1 75
		99860	McLaren F1 MCL36
		99960	Ferrari F1 75
		93000	Hummer EV
		93060	Hummer EV
		97160	BMW M8 GTE
		99500	Porsche 911 GT2 RS Clubsport 25
		99560	Porsche 911 GT2 RS Clubsport 25
		92100	Aston Martin Valkyrie AMR Pro
		92106	Aston Martin Valkyrie AMR Pro
		92200	Audi RS Q e-tron E2
		92206	Audi RS Q e-tron E2
		94706	Red Bull F1 RB18
		94800	Red Bull F1 RB18
		RC114	Remote control car in 14 scale
		93100	Hummer EV
		99700	Porsche 911 GT2 RS Clubsport 25
		RC124	Remote control car in 24 scale
		99600	Porsche 911 GT2 RS Clubsport 25
		92000	Lamborghini COUNTACH LPI 800-4
		92006	Lamborghini COUNTACH LPI 800-4
		93200	Bentley Continental GT3
		93210	Bentley Continental GT3
		93500	Maserati MC20
		93510	Maserati MC20
		93600	Hummer EV
		93610	Hummer EV
		93700	Hummer EV
		93800	Audi R8 Spyder
		93900	Pagani Zonda R
		94400	Alfa Romeo F1 C42
		94406	Alfa Romeo F1 C42
		94500	BMW M4 CSL
		94506	BMW M4 CSL
		94600	Ferrari 296 GTS
		94606	Ferrari 296 GTS
		94900	Porsche 911 Sport Classic
		94906	Porsche 911 Sport Classic
		96400	Lamborghini Set (53700/58900/71500)
		97900-G	Pagani Fengshen
		97910-G	Pagani Fengshen
		92300	Alfa Romeo F1 C42
		92400	Redbull F1 RB19
		92410	Redbull F1 RB19
		92500	Redbull F1 RB19



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92600	Redbull F1 RB19
92610	Redbull F1 RB19
92700	AUDI RS Q e-tron E2
93700-Y	Hummer EV
93900-B	Pagani Zonda R
94410	Alfa Romeo F1 C42
97900	Pagani Huayra BC
97910	Pagani Huayra BC
99300	AUDI R8 LMS GT3
99310	AUDI R8 LMS GT3
93200	Bentley GT3
93210	Bentley GT3
RC118	Remote control car in 18 scale
97000	Ferrari F1
98340	BMW i4 Concept
98360	BMW i4 Concept
98400	Mercedes-AMG F1 W11 EQ Performance
98460	Mercedes-AMG F1 W11 EQ Performance
98500	Mercedes-AMG F1 W11 EQ Performance
93400	Ferrari F1 75
97800	Lamborghini Sián FKP 37
97600	Ferrari SF90 Stradale
99000	Dodge Charger R/T
99200	BMW X6 M
99240	BMW X6 M
99260	BMW X6 M
72300	AUDI R8 2015 Version
78500	Land Rover Defender
76200	Volkswagen Beetle
97300-8	Ferrari SF90 Stradale
38900-8	Murcielago LP670-4

Above reference No. was submitted and/or identified by the client and it was not verified by the laboratory.



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Tested sample



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Remark: The products in the reference photos are not tested in this report. It's declared by the applicant that they are the same series of products with the particular tested sample, just included in the report for reference.

End of report

The statements of conformity reported have considered the decision rule agreed, namely that Intertek have taken account of measurement uncertainty as calculated by Intertek, and applied according to ILAC-G8/09:2019 (Non-binary acceptance based on guard band $w = U$) except designation from the customer, regulation or test specification. This decision rule only applies to the numeric test results.

The sample(s) and sample information hereto are provided by the client who shall be solely responsible for the authenticity and integrity thereof. The results shown in this report relate only to the sample(s) tested. It is not intended to be a recommendation for any particular course of action. Intertek does not accept a duty of care or any other responsibility to any person other than the Client in respect of this report and only accepts liability to the Client insofar as is expressly contained in the terms and conditions governing Intertek's provision of services to you. Intertek makes no warranties or representations either express or implied with respect to this report save as provided for in those terms and conditions. We have aimed to conduct the Review on a diligent and careful basis and we do not accept any liability to you for any loss arising out of or in connection with this report, in contract, tort, by statute or otherwise, except in the event of our gross negligence or wilful misconduct. This report shall not be reproduced unless with prior written approval from Intertek Testing Services Shenzhen Limited, Guangzhou Branch. The testing data and result issued by this report are just for scientific research, teaching, internal quality control, product research and development etc. on reference only in the territory of the People's Republic of China.



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