

TEST REPORT

Number : WUXH00099940

Applicant : PINGHU DAKE BABY CARRIER CO., LTD
88, QINSHA SECTION, PINGLANG ROAD,
XINCANG, PINGHU ZHEJIANG

Date : May 09, 2020

Sample Description:

One (1) Group Of Submitted Sample Said To Be :

Item Name : **Electric Ride On Car.**
Item No. : **Range Rover Evoque DK-RRE99 /Range Rover Ride On.**
Labelled Age Group : Over 3 Years.
Packaging Provided By Applicant : Yes(Artwork).
Goods Exported To : USA.
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	U.S. ASTM F963-17 For Physical And Mechanical Tests Excluding Section 4.25, 5.15, 6.5, 6.6, 7.2	Pass
Submitted Sample	U.S. ASTM F963-17 For Flammability Test Of Materials Other Than Textile Materials	Pass
Tested Components Of Submitted Sample	U.S. ASTM F963-17 section 4.3.5.2(2)(b) For Soluble Elements Content For Non-Surface Coating Materials	Pass
Tested Components Of Submitted Sample	U.S. ASTM F963-17 For Soluble Elements Content In Surface Coating	Pass
Tested Components Of Submitted Sample	U.S. ASTM F963-17 For Total Lead Content	Pass

Prepared And Checked By:
For Intertek Testing Services Wuxi Ltd.



Peter Chen
General Manager



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Conclusion:

<u>Tested Samples</u>	<u>Standard</u>	<u>Result</u>
Submitted Sample	U.S. CFR Title 16 (CPSC Regulations) Mechanical And Physical Tests	Pass
Submitted Sample	U.S. CFR Title 16 (CPSC Regulations)-Part 1500.3(C)(6)(vi) Flammability Test On Rigid And Pliable Solids	Pass
Tested Components Of Submitted Sample	U.S. Code Of Federal Regulations Title 16 Part 1303 For Total Lead Content In Surface Coating	Pass
Tested Components Of Submitted Sample	U.S. Consumer Product Safety Improvement Act 2008 Title I , Section 101 For Total Lead Content In Non-Surface Coating Material (Substrate)	Pass
Tested Components Of Submitted Sample	U.S. Code Of Federal Regulations Title 16 CFR 1303 For Total Lead Content In Surface Coating	Pass
Tested Components Of Submitted Sample	U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 101 For Total Lead Content In Surface Coating	Pass
Tested Components Of Submitted Sample	U.S. Consumer Product Safety Commission (CPSC)'s Decision On Publishing The Final Rule For The 16 CFR Part 1307 For Prohibition Of Children's Toys And Child Care Articles Containing Specified Phthalates On 18 October 2017	Pass

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Tests Conducted (As Requested By The Applicant)

1 Physical And Mechanical Tests

As Per The ASTM Standard Consumer Safety Specification For Toy Safety F963-17.

Applicant's Specified Age Group For Testing: Over 3 yeares

The Submitted Samples Were Undergone The Use And Abuse Tests In Accordance With The Federal Hazardous Substances Act (FHSA), Title 16, Code Of Federal Regulations : -

<u>Test</u>	<u>FHSA</u>	<u>Parameter</u>
Tip Over Test	Section 1500.53(b)	3 Times
Torque Test	Section 1500.53(e)	4 in-lbf
Tension Test	Section 1500.53(f)	15 lbf
Compression Test	Section 1500.53(g)	30 lbf
Impact Test	Section 1500.53(b)	4 x 3.0 ft

<u>Section</u>	<u>Testing Items</u>	<u>Assessment</u>
4.1	Material Quality (Visual Check On Cleanliness)	P
4.5	Sound-Producing Toys	P
4.6.1	Toys Intended For Children Under 36 Months (Small Objects)	NA
4.6.2	Mouth-Actuated Toys	NA
4.6.3	Toys And Games For 36 Months To 72 Months (Small Part Warning)	NA
4.7	Accessible Edges	P
4.8	Projections	P
4.9	Accessible Points	P
4.10	Wires Or Rods	NA
4.11	Nails And Fasteners	P
4.12	Plastic Film	P
4.13	Folding Mechanisms And Hinges	P
4.14	Cords And Elastics In Toys	NA
4.15	Stability And Over-Load Requirements	P
4.16	Confined Spaces	NA
4.17	Wheels, Tires And Axles	P
4.18	Holes, Clearance, And Accessibility Of Mechanisms	P
4.19	Simulated Protective Devices Such As Helmets, Hats, And Goggles	NA
4.20	Pacifiers	NA
4.21	Projectile Toys	NA
4.22	Teethers And Teething Toys	NA



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Section	Testing Items	Assessment
4.23	Rattles	NA
4.24	Squeeze Toys	NA
4.25	Battery-Operated Toys	NR#
4.26	Toys Intended To Be Attached To A Crib Or Playpen	NA
4.27	Stuffed And Beanbag-Type Toys	NA
4.28	Stroller And Carriage Toys	NA
4.29	Art Materials	NA
4.30	Toy Gun Marking	NA
4.31	Balloons	NA
4.32	Certain Toys With Nearly Spherical Ends	NA
4.33	Marbles	NA
4.34	Balls	NA
4.35	Pompoms	NA
4.36	Hemispheric-Shaped Objects	NA
4.37	Yoyo Elastic Tether Toys	NA
4.38	Magnets	NA
4.39	Jaw Entrapment In Handles And Steering Wheels	NA
4.40	Expanding Materials	NA
4.41	Toy Chests	NA
5	Labelling Requirement	P#
6	Instructional Literature	P#
7.1	Producer's Markings - Name Of Producer/Distributor - Address	YES YES
7.3	Toy Chests - Name of Manufacturer/Distributor/Seller (Toy) - Address (City, State And Zip Code) of Manufacturer/Distributor/Seller (Toy) - Date Code (Toy And Package/Shipping Container)	NA

Remark: P = Pass NR = Not request NA = Not applicable

The Submitted Sample Was Undergone The Tests In Accordance With Section 8.5 Through Section 8.18 And 8.20 Through 8.26 On Normal Use, Abuse And Specific Tests For Different Types Of Toys Whichever Is Applicable.

= As applicant's request, section 4.25, 5.15, 6.5,6.6,7.2 for Battery-operated Toys were not assessed.

Date Sample Received: Apr 14, 2020

Testing Period: Apr 14, 2020 To Apr 26, 2020

2 Flammability Test



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Tests Conducted (As Requested By The Applicant)

As Per Section 4.2 Of The ASTM Standard Consumer Safety Specification For Toy Safety F963-17, The Sample Was Tested According To Annex A5 Flammability Testing Procedure For Solids And Soft Toys.

Results: Did Not Ignite

Date Sample Received: Apr 14, 2020

Testing Period: Apr 14, 2020 To Apr 26, 2020

3 Soluble Elements Analysis In Non-Surface Coating Materials (Substrate Except Modelling Clay)

As per section 4.3.5.2(2)(b) of the ASTM standard consumer safety specification on toy safety F963-17, acid extraction method was used and heavy metal elements migration content were determined by Inductively Coupled Argon Plasma Spectrometry.

	<u>Result (ppm)</u>							<u>Limit (ppm)</u>
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	
Sol. Barium (Ba)	<5	<5	<5	<5	<5	<5	<5	1000
Sol. Lead (Pb)	<5	<5	<5	<5	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	<5	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	<5	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	<5	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	<5	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	<5	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	25

	<u>Result (ppm)</u>							<u>Limit (ppm)</u>
	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
Sol. Barium (Ba)	<5	<5	<5	<5	<5	<5	<5	1000
Sol. Lead (Pb)	<5	<5	<5	<5	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	<5	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	<5	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	<5	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	<5	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	<5	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	25



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Tests Conducted (As Requested By The Applicant)

	<u>Result (ppm)</u>						<u>Limit (ppm)</u>
	(15)	(16)	(17)	(19)	(20)	(21)	
Sol. Barium (Ba)	<5	<5	<5	<5	<5	<5	1000
Sol. Lead (Pb)	<5	<5	<5	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	<5	<5	<5	75
Sol. Antimony (Sb)	<5	15	<5	<5	6	<5	60
Sol. Selenium (Se)	<5	<5	<5	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	25

Remark: Sol. = soluble

ppm = parts per million = mg/kg

spl.wt. = sample weight

Tested components: See component list in the last section of this report.

Date Sample Received: Apr 14, 2020

Testing Period: Apr 14, 2020 To May 09, 2020

4 Soluble Elements Analysis In Surface Coating

As per section 4.3.5.1(2) of the ASTM standard consumer safety specification on toy safety F963-17, acid extraction method was used and heavy metal elements migration content were determined by Inductively Coupled Argon Plasma Spectrometry.

	<u>Result (ppm)</u>	<u>Limit (ppm)</u>
	(18)	
Sol. Barium (Ba)	<5	1000
Sol. Lead (Pb)	<5	90
Sol. Cadmium (Cd)	<5	75
Sol. Antimony (Sb)	<5	60
Sol. Selenium (Se)	<5	500
Sol. Chromium (Cr)	<5	60
Sol. Mercury (Hg)	<5	60
Sol. Arsenic (As)	<2.5	25

Remark: Sol. = soluble

ppm = parts per million = mg/kg

spl.wt. = sample weight

Tested components: See component list in the last section of this report.

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Tests Conducted (As Requested By The Applicant)

5 Total Lead (Pb) Content

As per section 4.3.5 of the ASTM standard consumer safety specification on toy safety F963-17, test method CPSC-CH-E1001-08.3, CPSC-CH-E1002-08.3 or/and CPSC-CH-E1003-09.1 was/were used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

(I) Surface coating

<u>Tested component</u>	<u>Result in ppm</u>	<u>Limit (ppm)</u>
(18)	<20	90

(II) Non-surface coating

<u>Tested component</u>	<u>Result in ppm</u>	<u>Limit (ppm)</u>
(1)	<10	100
(2)	<10	100
(3)	<10	100
(4)	<10	100
(5)	<10	100
(6)	<10	100
(7)	29	100
(8)	<10	100
(9)	<10	100
(10)	<10	100
(11)	<10	100
(12)	14	100
(13)	<10	100
(14)	<10	100
(15)	<10	100
(16)	<10	100
(17)	<10	100
(19)	<10	100
(20)	<10	100
(21)	36	100

Remark: ppm = parts per million = mg/kg

Tested components: See component list in the last section of this report.

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Tests Conducted (As Requested By The Applicant)

6 Physical and Mechanical Test

As per U.S. code of Federal Regulations Title 16 Part 1500.50, the hazards of sharp points, sharp edge and small parts are assessed both before and after applicable use and abuse tests.

Applicant's specified age group for testing : Over 3 years

	No. of sample <u>tested</u>	Sharp <u>point</u> (1500.48)	Sharp <u>edge</u> (1500.49)	Small <u>part</u> (1501)
As received	1	P	P	NA
Impact (1500.53 (b))	1	P	P	NA
Flexure (1500.53 (d))	0	NA	NA	NA
Torque (1500.53 (e))	1	P	P	NA
Tension (1500.53 (f))	1	P	P	NA
Compression (1500.53 (g))	1	P	P	NA

Remark : P = Pass
NA = Not applicable

Date Sample Received : Apr 14, 2020

Testing Period : Apr 14, 2020 To Apr 26, 2020

7 Flammability Test

As per U.S. Code of Federal Regulations Title 16 Part 1500.44 for rigid and pliable solids.

Result: Did Not Ignite

Date Sample Received: Apr 14, 2020

Testing Period: Apr 14, 2020 To Apr 26, 2020

8 Total Lead (Pb) Content

As per Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings, test method CPSC-CH-E1003-09.1 was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

<u>Tested Component</u> (18)	<u>Result in %</u> <0.002	<u>Limit in %</u> 0.009
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Tested components: See component list in the last section of this report.

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Tests Conducted (As Requested By The Applicant)

9 Total Lead (Pb) Content In Non-Surface Coating Materials (Substrate):

As Per Standard Operating Procedures For Determining Total Lead (Pb) In Children's Products, Test Methods CPSC-CH-E1002-08.1 And/Or CPSC-CH-E1001-08.1 Were Used And Total Lead Content Was Determined By Inductively Coupled Argon Plasma Spectrometry.

<u>Tested Component</u>	<u>Result In ppm</u>	<u>Limit In ppm</u>
(1)	<10	100
(2)	<10	100
(3)	<10	100
(4)	<10	100
(5)	<10	100
(6)	<10	100
(7)	29	100
(8)	<10	100
(9)	<10	100
(10)	<10	100
(11)	<10	100
(12)	14	100
(13)	<10	100
(14)	<10	100
(15)	<10	100
(16)	<10	100
(17)	<10	100
(19)	<10	100
(20)	<10	100
(21)	36	100

Remark : ppm = Parts Per Million = mg/kg

Tested components: See component list in the last section of this report.

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Tests Conducted (As Requested By The Applicant)

10 Total Lead (Pb) Content In Surface Coating

As Per Standard Operating Procedure For Determining Lead (Pb) In Paint And Other Similar Surface Coatings (April 26, 2009), Test Method CPSC-CH-E1003-09 Was Used And Total Lead Content Was Determined By Inductively Coupled Argon Plasma Spectrometry.

<u>Tested Component</u> (18)	<u>Result In ppm</u> <20	<u>Limit In ppm</u> 90
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Remark: ppm = parts per million = mg/kg

Tested components: See component list in the last section of this report.

Date Sample Received: Apr 14, 2020

Testing Period: Apr 14, 2020 To May 09, 2020

11 Phthalate Content

With reference to CPSC-CH-C1001-09.4, by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

<u>Test item</u>	<u>CAS No.</u>	<u>Result (%)</u>					<u>Reporting limit (%)</u>	<u>Limit (%)</u>
		<u>Tested components</u>						
		(1)	(2)	(3)	(4)	(5)		
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	ND	0.01	0.1
Di-(2-ethyl hexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	ND	0.01	0.1
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	ND	0.01	0.1
Di-iso-nonyl phthalate (DINP)	28553-12-0	ND	ND	ND	ND	ND	0.01	0.1
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	ND	0.01	0.1
Di-n-pentyl Phthalate (DPENP)	131-18-0	ND	ND	ND	ND	ND	0.01	0.1
Di-n-hexyl Phthalate (DHEXP)	84-75-3	ND	ND	ND	ND	ND	0.01	0.1
Dicyclohexyl Phthalate (DCHP)	84-61-7	ND	ND	ND	ND	ND	0.01	0.1

<u>Test item</u>	<u>CAS No.</u>	<u>Result (%)</u>				<u>Reporting limit (%)</u>	<u>Limit (%)</u>
		<u>Tested components</u>					
		(6)	(7)	(8)	(9)		
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	0.01	0.1
Di-(2-ethyl hexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	0.01	0.1
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	0.01	0.1
Di-iso-nonyl phthalate (DINP)	28553-12-0	ND	ND	ND	ND	0.01	0.1
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	0.01	0.1
Di-n-pentyl Phthalate (DPENP)	131-18-0	ND	ND	ND	ND	0.01	0.1
Di-n-hexyl Phthalate (DHEXP)	84-75-3	ND	ND	ND	ND	0.01	0.1
Dicyclohexyl Phthalate (DCHP)	84-61-7	ND	ND	ND	ND	0.01	0.1



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Test item	CAS No.	Result (%)				Reporting limit (%)	Limit (%)
		Tested components					
		(10)	(11)	(12)	(13)		
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	0.01	0.1
Di-(2-ethyl hexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	0.01	0.1
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	0.01	0.1
Di-iso-nonyl phthalate (DINP)	28553-12-0	ND	ND	ND	ND	0.01	0.1
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	0.01	0.1
Di-n-pentyl Phthalate (DPENP)	131-18-0	ND	ND	ND	ND	0.01	0.1
Di-n-hexyl Phthalate (DHEXP)	84-75-3	ND	ND	ND	ND	0.01	0.1
Dicyclohexyl Phthalate (DCHP)	84-61-7	ND	ND	ND	ND	0.01	0.1

Test item	CAS No.	Result (%)				Reporting limit (%)	Limit (%)
		Tested components					
		(14)	(15)	(16)	(17)		
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	0.01	0.1
Di-(2-ethyl hexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	0.01	0.1
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	0.01	0.1
Di-iso-nonyl phthalate (DINP)	28553-12-0	ND	ND	ND	ND	0.01	0.1
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	0.01	0.1
Di-n-pentyl Phthalate (DPENP)	131-18-0	ND	ND	ND	ND	0.01	0.1
Di-n-hexyl Phthalate (DHEXP)	84-75-3	ND	ND	ND	ND	0.01	0.1
Dicyclohexyl Phthalate (DCHP)	84-61-7	ND	ND	ND	ND	0.01	0.1



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Tests Conducted (As Requested By The Applicant)

Test item	CAS No.	Result (%)				Reporting limit (%)	Limit (%)
		Tested components					
		(18)	(19)	(20)	(21)		
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	0.01	0.1
Di-(2-ethyl hexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	0.01	0.1
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	0.01	0.1
Di-iso-nonyl phthalate (DINP)	28553-12-0	ND	ND	ND	ND	0.01	0.1
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	0.01	0.1
Di-n-pentyl Phthalate (DPENP)	131-18-0	ND	ND	ND	ND	0.01	0.1
Di-n-hexyl Phthalate (DHEXP)	84-75-3	ND	ND	ND	ND	0.01	0.1
Dicyclohexyl Phthalate (DCHP)	84-61-7	ND	ND	ND	ND	0.01	0.1

The above limit was quoted according to U.S. Consumer Product Safety Commission (CPSC)'s decision on publishing the final rule for the 16 CFR part 1307 for Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates on 18 October 2017.

Remark: ND = Not detected

Tested components: See component list in the last section of this report.

Date Sample Received: Apr 14, 2020

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Tests Conducted (As Requested By The Applicant)

Photo



Components List:

- (1) White plastic(body).
- (2) Black plastic(Body).
- (3) Red plastic(Body).
- (4) Blue plastic(Body).
- (5) Black bright plastic(front window frame).
- (6) Coffee translucent plastic(front window).
- (7) Black plastic(front fence).
- (8) Transparent plastic(front light).
- (9) Red transparent plastic(tail light).
- (10) Black frosted plastic(steering wheel,seat).
- (11) White plastic excluding silver coating(accelerator pedal).
- (12) Black plastic(accelerator pedal).
- (13) Black plastic(wheels).
- (14) Black bright plastic(wheel hub).
- (15) White plastic(coupling of wheel).
- (16) Black plastic with white printing(button on instrument).
- (17) White plastic with silver coating (accelerator pedal).
- (18) Black coating on metal(chassis).
- (19) Transparent plastic film with black/white coating(music player).
- (20) Grey adhesive plastic film with red printing(OFF/ON sticker).
- (21) Black woven fabric(safety belt).

End of Report

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