

Test Report

Number: SHAH01337723

Applicant: PINGHU FENGUSU CHILDREN'S VEHICLES
CO.,LTD
BABY-CARRIER INDUSTRIAL CITY,XINCANG
TOWN,PINGHU CITY,ZHEJIANG,CHINA
Attn: CECILIA

Date: 08 May, 2021

Sample Description:

One(1) groups/pieces of submitted sample said to be :

Item Name : children's ride on car
Item No. : PB1288A

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	EN71-1: 2014+ A1: 2018 for Mechanical And Physical Properties	Pass
Submitted Sample(s)	EN71-2: 2020 Flammability Test	Pass
Tested component of submitted sample	EN 71-3:2019 on migration of certain elements	Pass
Tested component of submitted sample	EN 71-3: 2019 on migration of certain elements & EU 2019/1922 amending 2009/48/EC (effective from May, 20,2021) for Aluminium (Al) migration	Pass

To Be Continued

Authorized By:
Intertek Testing Services Ltd, Shanghai, Jiaxing Branch



Peter Chen
General Manager



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Tests Conducted

1*.Mechanical and Physical Test

As Per European Standard on Safety of Toys EN71-1: 2014+ A1: 2018.

Applicant's Specified Age Group for Testing: For ages from 3 to 7 years

The submitted samples were undergone the following abuse tests:

Test	Clause	Parameter
Tip Over Test	8.6	3 Times
Impact Test	8.7	1 kg

Clause	Testing Items	Assessment
4	General Requirements	
4.1	Material	P
4.2	Assembly	P
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	P
4.10	Parts moving against each other	NA
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	P
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	P
4.21	Toys containing a 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



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Clause	Testing Items	Assessment
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
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	NA
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, inline skates and skateboards and certain other ride-on toys	P
7.11	Toys intended to be 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



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Clause	Testing Items	Assessment
7.26	Improvised projectiles	NA

Remark: P = Pass
 Artwork of packaging was provided for testing.

NA = Not Applicable

Remark: Additional information according to the Toy Safety Directives 2009/48/EC requirement. These information also appears as a note within the EN 71 but are not standard requirements:

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.

After checking, it was found that:

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

2*.Flammability Test

As per European Standard on Safety of Toys EN71-2: 2020

Clause	Testing Items	Assessment
4.1	General	P
4.2	Toys to be worn on the head	
4.2.2	Beards, moustaches, wigs, etc., made from pile or flowing elements which protrude 50 mm or more from the surface of the toy	NA
4.2.3	Beards, moustaches, wigs, etc., made from pile or flowing elements which protrude less than 50 mm from the surface of the toy	NA
4.2.4	Full or partial moulded head masks	NA
4.2.5	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

3.19 Toxic Elements Migration Test

(A) Test Result

As per EN 71-3:2019 and followed by Inductively Coupled Plasma Atomic Emission Spectrometry, Inductively Coupled Argon Mass Spectrometry, Ion Chromatography- Inductively Coupled Plasma-Mass Spectrometry, and Gas Chromatographic - Mass Spectrometry.

Category (III): Scraped-off toy material



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Element	Result (mg/kg)				Limit (mg/kg)
	(1)to(9)	(10)to(15)	(16)	(17)to(25)	
Aluminium (Al)	< 300	< 300	< 300	< 300	70000/28130 [©]
Antimony (Sb)	< 10	< 10	< 10	< 10	560
Arsenic (As)	< 10	< 10	< 10	< 10	47
Barium (Ba)	< 10	< 10	< 10	< 10	18750
Boron (B)	< 50	< 50	< 50	< 50	15000
Cadmium (Cd)	< 5	< 5	< 5	< 5	17
Chromium (III) (Cr III) ^{##}	< 10	< 10	< 10	< 10	460
Chromium (VI) (Cr VI) ^{##}	< 0.025	< 0.025	< 0.025	< 0.025	0.053
Cobalt (Co)	< 10	< 10	< 10	< 10	130
Copper (Cu)	< 10	< 10	< 10	< 10	7700
Lead (Pb)	< 10	< 10	< 10	< 10	23
Manganese (Mn)	< 10	< 10	< 10	< 10	15000
Mercury (Hg)	< 10	< 10	< 10	< 10	94
Nickel (Ni)	< 10	< 10	< 10	< 10	930
Selenium (Se)	< 10	< 10	< 10	< 10	460
Strontium (Sr)	< 100	< 100	< 100	< 100	56000
Tin (Sn)	< 10	< 10	< 10	< 10	180000
Organic tin ^{##}	< 3.0	< 3.0	< 3.0	< 3.0	12
Zinc (Zn)	< 100	< 100	< 100	< 100	46000

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	(26)to(29)				
Aluminium (Al)	< 300				70000/28130 [©]
Antimony (Sb)	< 10				560
Arsenic (As)	< 10				47
Barium (Ba)	< 10				18750
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Chromium (III) (Cr III) ^{##}	< 10				460
Chromium (VI) (Cr VI) ^{##}	< 0.025				0.053
Cobalt (Co)	< 10				130
Copper (Cu)	< 10				7700
Lead (Pb)	< 10				23
Manganese (Mn)	< 10				15000
Mercury (Hg)	< 10				94
Nickel (Ni)	< 10				930
Selenium (Se)	< 10				460
Strontium (Sr)	< 100				56000
Tin (Sn)	< 10				180000
Organic tin ^{##}	< 3.0				12
Zinc (Zn)	< 100				46000

Remark: mg/kg = Milligram per kilogram based on dry weight of sample

-Organic tin test result was expressed as tributyl tin.

© = The new Aluminium (Al) migration limit [2250mg/kg for Category (I), 560mg/kg for Category (II), 28130mg/kg for Category (III)] was quoted from directive (EU) 2019/1922 amending 2009/48/EC effective from 20 May 2021.

= Confirmation of Chromium (VI) test was performed on the tested component. And the reported value of migration of Chromium (III) = migration value of total Chromium – migration value of Chromium(VI).



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Tested Component(s): See component list in the last section of this report.

(B) Categories of various toy materials

Category I: Dry, brittle, powder like or pliable

Solid toy material from which powder-like material is released during playing and semi-solid materials that may also leave residues on the hands during play. The material can be ingested. Contamination of the hands with the material may contribute to the oral exposure of the material. (e.g. the cores of colouring pencils, chalk, crayons, modelling clays and plaster).

Category II: Liquid or sticky

Fluid or viscous toy material, which can be ingested or to which dermal exposure may occur during playing. (e.g. liquid paints, finger paints, liquid ink in pens, glue sticks, slimes, bubble solution).

Category III: Scraped-off

Solid toy material with or without a coating, which can be ingested as a result of biting, tooth scraping, sucking or licking. (e.g. coatings, lacquers, plastics, paper, textiles, glass, ceramic, metallic, wooden, bone, leather and other materials).

Components List:

- (1) Black plastic(body,seat).
- (2) Grey plastic(pedal, tail Light part, The front fork frame).
- (3) Blue plastic(body).
- (4) Red plastic With White Printing (button on body).
- (5) White soft plastic With black Printing (wire).
- (6) Brown soft plastic With black Printing (wire).
- (7) Blue soft plastic With black Printing (wire).
- (8) Orange soft plastic With black Printing (wire).
- (9) Red soft plastic With black Printing (wire).
- (10) Black soft plastic With black Printing (wire).
- (11) Yellow soft plastic With black Printing (wire).
- (12) Green soft plastic With black Printing (wire).
- (13) Milk White Plastic(Connection)
- (14) Black plastic(wheel).
- (15) Grey Plastic(Wheel Hub).



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- (16) Black soft plastic (handle).
- (17) Black Plastic(Connection).
- (18) Beige Plastic(Engine).
- (19) Silver Metal(Engine).
- (20) Grey Metal(Engine).
- (21) Black plastic (the training wheel).
- (22) Black coating on metal(the frame of training wheel).
- (23) White Adhesive Paper With Multi-color Printing(Wheel Logo).
- (24) Black plastic with white printing(back/forward).
- (25) Silver coating on black plastic(control panel)
- (26) Black Plastic(Power Supply).
- (27) Black Soft Plastic(Connect Power Supply).
- (28) Black Soft Plastic(Wire On Power Supply).
- (29) White Soft Plastic(Wire On Power Supply).

Remark: *Test item is tested in Intertek CNAS L3517.



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Submitted Sample

Date Sample Received: Apr 07,2021
Testing Period: Apr 07,2021 to May 08,2021

End Of Report

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