

Test Report No.: SHHL2309047347IP Date: NOV. 06, 2023 Page: 1 of 9

NINGBO BEIBEILE BABY PRODUCTS CO., LTD. NO 62, INDUSTRY ROAD, INDUSTRY DISTRICT ZHANGQI, CIXI CITY, ZHEJIANG, CHINA

Sample Description : BABY BOOSTER LHB-006

Source of Sample SENT BY CLIENT. Sample Receiving Date SEP. 11, 2023 1st Resubmitted Sample Date : OCT. 07, 2023 : OCT. 12, 2023

2nd Resubmitted Sample Date 3rd Resubmitted Sample Date : OCT. 27, 2023 4th Resubmitted Sample Date : NOV. 02, 2023

Testing Period SEP. 11, 2023 TO NOV. 06, 2023

Testing Location : LANE 3999, XIUPU RD., PUDONG DISTRICT, SHANGHAI, CHINA

Test Requested	<u>Result</u>
EN 16120:2012 + A2:2016+AC-2018 CHILD USE AND CARE ARTICLES —CHAIR	Door
MOUNTED SEAT—EXCLUDING CLAUSE 6, CLAUSE 7 AND CLAUSE 9	Pass

Signed for and on behalf of

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

Melody Zhang

Authorized Signatory



Member of the SGS Group (SGS SA)



Test Report Date: NOV. 06, 2023 No.: SHHL2309047347IP Page: 2 of 9

Test Conducted:

EN 16120:2012 + A2:2016+AC-2018 CHILD USE AND CARE ARTICLES —CHAIR MOUNTED **SEAT—EXCLUDING CLAUSE 6, CLAUSE 7 AND CLAUSE 9**

- 1. Number of Test Specimen: 1 piece of sample.
- 2. Test Result: Details Shown as Following Table:

Clause	Test Method/ Requirement	Rating
6	Chemical hazards – Migration of certain elements The migration of elements from materials on exterior surfaces shall not exceed the limits listed below. Element mg/kg Aluminium 70000 Antimony 560 Arsenic 47 Barium 18750 Boron 15000 Cadmium 17 Chromium (III) 460 Chromium (VI) 0,2 Cobalt 130 Copper 7700 Lead 160 Manganese 15000 Mercury 94 Nickel 930 Selenium 460 Strontium 56000 Tin 180000 Organic tin 12 Zinc 46000 Materials on the back of the backrest and under the seat level are excluded from these requirements. When testing is performed the method described in EN 71-3 shall be used. A separate sample may be used for these tests.	N/C
7	Thermal hazards	1
7.1	Requirements When tested in accordance with 7.2, there shall be no surface flash. A separate sample, conditioned according to 5.1, may be used for these tests.	N/C
8	Mechanical hazards	
8.1	Hazards due to height adjustment or folding of the product	



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Test Report No.: SHHL2309047347IP Date: NOV. 06, 2023 Page: 3 of 9

Clause	Test Method/ Requirement	Rating
8.1.1	General Chair mounted seats in which the height of the sitting area can be adjusted shall have locking mechanism(s), complying with 8.1.2, to maintain the chair mounted seat in its position of normal use. Chair mounted seats in which the base can be folded for storage shall have locking mechanism(s), complying with 8.1.2, to maintain the chair mounted seat in its position of normal use. Chair attachment systems shall not be considered as locking mechanisms for height adjustment of the sitting area. Inflatable systems shall be fitted with non-return valves.	N/A
8.1.2	Unintentional release of locking mechanism(s) To avoid the hazards due to unintentional release of locking mechanisms, one of the following conditions shall be fulfilled before and after testing in accordance with 8.1.3: a) at least one operating device requires an operating force greater than 50 N measured with and without a mass of 15 kg on the seat, or b) at least one locking mechanism is released by the use of a tool, or c) at least one operating device requires at least two consecutive actions, the first of which shall be maintained while the second is carried out, or d) at least one locking mechanism is released when two independent operating devices are simultaneously operated. Inflatable systems are excluded from the requirements of this clause. Products that in every position of use have to be removed from the adult chair to adjust the height or to fold the base for storage are excluded from the requirements of this clause. NOTE: The exclusion of the last paragraph applies only to products that need to be detached from the adult chair to adjust the height or to fold the base (e.g. disassemble the product and re-assemble it in another configuration), no matter what the instructions for use say. The need to remove just the child from the product to adjust the height or fold the base is not enough to apply the exclusion.	N/A
8.2	Entrapment hazards	
8.2.1	Entrapment of fingers	



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Test Report No.: SHHL2309047347IP Date: NOV. 06, 2023 Page: 4 of 9

Clause	Test Method/ Requirement	Rating
8.2.1.1*	Requirement After the chair mounted seat is set up for normal use in accordance with the manufacturer's instructions, there shall be no accessible completely bounded circular openings between 7 mm and 12 mm unless the depth is less than 10 mm, when tested in accordance with 8.2.1.2. After the chair mounted seat is set up for normal use in accordance with the manufacturer's instructions, there shall be no accessible openings in mesh that allow the test probe for mesh (4.1) to penetrate up to the 7 mm diameter section, when tested in accordance with 8.2.1.2. The test shall be carried out with the product in any intended position of use. This requirement does not apply to the restraint system.	PASS
8.2.2	Entrapment of head	
8.2.2.1	Requirements With the exception of the entrance to the seat unit and the openings for the child's legs to pass through, there shall be no holes, gaps or openings above the seat surface which allows the small torso probe (4.6) to pass through when tested in accordance with 8.2.2.2.	PASS
8.3	Hazards due to moving parts	
8.3.1*	Requirements for compression points After the chair mounted seat is set up for normal use in accordance with the manufacturer's instructions, there shall be no accessible compression points which can close to less than 12 mm unless they are always less than 5 mm, as the result of: a) the movement of the chair mounted seat; or b) the movement of body weight by the child using the chair mounted seat; or c) the application of an external force (either by another child or, unintentionally, by the carer, or by a powered mechanism). Movement due to elasticity shall not be considered as a compression hazard. Compression points between the chair mounted seat and the chair are excluded from this requirement.	PASS
8.3.2	Requirements for shear points After the chair mounted seat is set up for normal use in accordance with the manufacturer's instructions there shall be no accessible shear points which can close to less than 12 mm, as the result of: a) the movement of the chair mounted seat; or b) the movement of body weight by the child using the chair mounted seat; or c) the application of an external force (either by another child or, unintentionally, by the carer, or by a powered mechanism). Movement due to elasticity and/or play of materials shall not be considered as a shearing hazard.	PASS



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Test Report No.: SHHL2309047347IP Date: NOV. 06, 2023 Page: 5 of 9

Clause	Test Method/ Requirement	Rating
8.4	Entanglement hazards	
8.4.1	Requirements Cords, ribbons and similar parts shall have a maximum free length of 220 mm when tested in accordance with 8.4.2. Where cords, ribbons and similar parts are attached to the chair mounted seat together or within 80 mm of each other, any single cord shall have a maximum free length of 220 mm and the combined length from one loose end to the end of another loose end shall be a maximum of 360 mm. Loops shall have a maximum peripheral dimension of 360 mm, when tested in accordance with 8.4.2. Restraint system and chair attachment system are excluded from the above requirements. Monofilament threads shall not be used as cords, ribbons and similar parts, loops or as sewing threads.	N/A
8.5	Choking and ingestion hazards	
8.5.1	Requirements Any component or filling material that is considered able to be gripped by a child in accordance with 8.5.2.1 shall be tested in accordance with 8.5.2.2 and 8.5.2.3. Any component or part of a component or filling material that is removed shall not fit entirely within the small parts cylinder specified in 4.4.	PASS
8.6.1	Any plastic covering used for packaging with an area greater than 100 mm x 100 mm shall conform to any of the following requirements: a) have an average sheet thickness of 0,038 mm or more; or b) be perforated with defined holes so that a minimum of 1 % of the area has been removed over any area of 30 mm x 30 mm. Any plastic covering used for packaging with an opening perimeter greater than 360 mm shall not have a drawstring or cord as a means of closing and shall be marked in the official language(s) of the country of sale with the word "WARNING" followed by the statement: "Keep plastic covering away from children to avoid suffocation" The statement may be expressed in different words providing they clearly convey the same warning. The text shall be accompanied by the symbol of the warning triangle (\(\bilde{\Delta}\)). The symbol, with a minimum height of 1 cm, can be put on the top of the list of warnings when different languages are used. Shrunk-on films that are destroyed when the packaging is opened by the user are excluded from these requirements.	PASS



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Test Report No.: SHHL2309047347IP Date: NOV. 06, 2023 Page: 6 of 9

Clause	Test Method/ Requirement	Rating
8.6.2	Plastic decals Plastic decals or parts of plastic decals shall not become detached when tested in accordance with 8.6.2.2.	N/A
8.7	Hazardous edges, corners and protruding parts All accessible edges, corners and protruding parts on the chair mounted seat shall be rounded and free from burrs.	PASS
8.8	Hazards from inadequate structural integrity	
8.8.1	Static strength	
8.8.8.1	Requirement When tested in accordance with 8.8.1.2, the chair mounted seat shall function as originally intended, it shall not collapse and any mechanism(s) allowing the adjustment of the height of the chair mounted seat shall not allow any change from the original height position. After the recovery time specified in 8.8.1.2, the chair mounted seat shall comply with 8.2, 8.3, 8.5 and 8.7.	PASS
8.8.2	Dynamic strength	
8.8.2.1	Requirement When tested in accordance with 8.8.2.2, the chair mounted seat shall function as originally intended, it shall not collapse and any mechanism(s) allowing the adjustment of the height of the chair mounted seat shall not allow any change from the original height position. After testing in accordance with 8.8.2.2, the chair mounted seat shall comply with 8.2, 8.3, 8.5 and 8.7.	PASS
8.9	Chair attachment system	
8.9.1****	Requirements The chair mounted seat shall be fitted with an adjustable chair attachment system. The chair attachment system shall be designed to fix the chair mounted seat both to the chair backrest and to the chair seat surface. Attachment to the chair backrest may operate independently from the attachment to the chair seat. When tested in accordance with 8.9.1.2.1, the chair attachment system, straps, anchoring points and fastening system shall not break, become loose or tear away from their support. If the chair attachment system is made with straps, when tested in accordance with 8.9.1.2.2 any adjusters, sliders, buckles or clasps shall not slip by more than 20 mm.	PASS
8.9.2	Restraint system	



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Test Report No.: SHHL2309047347IP Date: NOV. 06, 2023 Page: 7 of 9

Clause	Test Method/ Requirement	Rating
8.9.2.1	Requirements The chair mounted seat shall be fitted with a restraint system that is adjustable to the size of the child and shall comprise of at least a waist and a crotch restraint. It shall not be possible to use the restraint system without the crotch restraint being used. Any straps included in the restraint system shall have a minimum width of 19 mm. When tested in accordance with 8.9.2.2.1, the anchoring points of the restraint system shall not break, become loose or tear away from their support. When tested in accordance with 8.9.2.2.2, the straps and fastening system shall not break, become loose or tear away from their support. When tested in accordance with 8.9.2.2.3 any adjusters, sliders, buckles or clasps shall not slip by more than 20 mm.	PASS
8.9.3	Lateral protections	
8.9.3.1	Requirements Chair mounted seats shall be fitted with lateral protections. When tested in accordance with 8.9.3.2, the test sphere shall not come in contact with the test beam. Openings in the lateral protections are allowed, provided that they comply with all the relevant requirements of this standard.	PASS
8.9.4	Hazards due to inadequate size	
8.9.4.1	Requirement for products not supported on top of the backrest of the chair The minimum dimensions (width and depth) of the seat of the chairs for which the chair mounted seat is intended, as specified in the product information, shall be at least 20 mm greater than the base dimensions (width and depth) of the chair mounted seat measured in accordance with 8.9.4.3.1. The minimum height of the backrest of the chairs for which the product is intended, specified in the product information, shall be at least 100 mm greater than the height of anchorage points of the chair attachment system measured in accordance with 8.9.4.3.2.	PASS



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Test Report No.: SHHL2309047347IP Date: NOV. 06, 2023 Page: 8 of 9

Clause	Test Method/ Requirement	Rating
8.9.4.2	Requirement for products supported on top of the backrest of the chair The minimum dimensions (width and depth) of the of the seat of the chairs for which the chair mounted seat is intended, as specified in the product information, shall be at least 20 mm greater than the base dimensions (width and depth) of the chair mounted seat measured in accordance with 8.9.4.4. The minimum width of the backrest of the chairs for which the product is intended, specified in the product information, shall be at least 20 mm greater than the width of the anchorage points of the chair attachment system to the chair backrest measured in accordance with 8.9.4.4. The minimum and maximum heights of the backrest of the chairs for which the product is intended, specified in the product information, shall be those that allow the chair attachment system to be adjusted so that the seating area of chair mounted seat is not inclined forward (see Figure 9).	N/A
9	Product information	N/C

Note: N/A= Not applicable; N/C= Not conducted as per client's request Item with * means it passed at the first retest.

Item with **** means it passed at the fourth retest.

Remark:

- 1. Since the data and / or information above division line of front page is provided by the applicant, the relevant results or conclusions of this report are only made for these data and / or information, SGS shall not be responsible for the authenticity and integrity of such data and information and the validity of the results and / or conclusions arising therefrom. Testing results only apply to the sample as received.
- 2. The declaration of conformity is based on acceptance limits chosen based on simple acceptance (w = 0, AL = TL).

Statements of conformity are reported as:

Passed - The measured values were observed in tolerance at the points tested.

Failed - One or more measured values were observed out of tolerance at the points tested.



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Test Report

Sample Photo:

No.: SHHL2309047347IP

Date: NOV. 06, 2023

Page: 9 of 9

Received sample (front view)



Received sample (side view)



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End of Report



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