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TESTING
CNAS L0599

Test Report

No.: SHHL2303010835IP-1

Date: NOV. 27, 2023

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GOLDEN LION LIMITED
LOCKHART ROAD 20 GOLDEN STAR BUILDING GPO BOX 1312 HONG KONG CHINA

THE TEST REPORT IS TO SUPERSEDE THE TEST REPORT No.: SHHL2303010835IP, DATE: NOV. 24, 2023, ORIGINAL REPORT SHALL BE INVALID.

Sample Description : FOLDING BED RAIL

Source of Sample : SENT BY CLIENT.
Sample Receiving Date : MAR. 16, 2023
1st Resubmitted Sample Date : MAY 11, 2023
2nd Resubmitted Sample Date : AUG. 07, 2023
3rd Resubmitted Sample Date : AUG. 16, 2023
4th Resubmitted Sample Date : AUG. 29, 2023
Further Information Date : OCT. 18, 2023
Testing Period : MAR. 16, 2023 TO NOV. 24, 2023
Testing Location : 3RD. BUILDING, LANE 3999, XIUPU RD., PUDONG DISTRICT, SHANGHAI, CHINA

Test Requested	Result
BS 7972: 2001+A1: 2009 – SAFETY REQUIREMENTS AND TEST METHODS FOR CHILDREN'S BEDGUARDS FOR DOMESTIC USE	Pass (Not accredited)
AS 2001.7-2005 - Fiber Content	See Results
Entry 51 of Regulation (EU) 2018/2005 amending Annex XVII of REACH Regulation (EC) No 1907/2006 - Phthalate	Pass
Entry 52 of Regulation (EU) 2015/326 amending Annex XVII of REACH Regulation (EC) No 1907/2006 - Phthalate	Pass
AS/NZS ISO 8124.3: 2021 - Migration of Certain Elements	Pass
ISO 9227: 2022 - Corrosion tests in artificial atmospheres – Salt spray tests (NSS: Neutral Salt spray)	Pass

Signed for and on behalf of
SGS-CSTC Standards Technical Services
(Shanghai) Co., Ltd.

Melody Zhang

Melody Zhang
Authorized Signatory (Physical Field)

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

Serena Wang

Serena Wang
Authorized Signatory (Chemical Field)



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Test Conducted

BS 7972:2001+A1:2009 – SAFETY REQUIREMENTS AND TEST METHODS FOR CHILDREN’S BEDGUARDS FOR DOMESTIC USE

Scope

This British Standard specifies safety requirements and methods of test for children’s bed-guards for domestic use. It applies to bed-guards intended for use with beds having a maximum height of 600 mm and a minimum internal length of 1400 mm. These bed-guards, when used in conjunction with a bed/mattress combination, are intended to prevent children aged between 18 months and 5 years from falling out of bed. This standard is not applicable to bed-guards designed for adult use, nor to bed-guards which are an integral part of a bed, i.e a permanent fixture not intended to be detached.

Test Result: Details Shown as Following Table:

Clause	Test Method	Rating
4	Materials	
4.1	Migration of certain elements Bed-guards shall conform to the requirements of BS EN 71-3.	PASS (See Chemical Test Results)
4.2	Wood Wood used in any part of the bed-guard shall be free from decay, knots and insect infestation.	N/A
5	Construction	
5.1	General	
5.1.1	Exposed edges and protruding parts shall be rounded and/or chamfered as shown in Figure 1a, Figure 1b or Figure 1c, and shall be free of burrs and sharp edges.	PASS
	The edges of sheet materials with a thickness less than 0.5mm, shall be bent, curled or rolled in at least one of the configurations shown in Figure 1d, Figure 1e or Figure 1f, or shall be covered as shown in Figure 1g.	
	Hinges, brackets and catches shall be free of burrs and sharp edges.	
5.1.2*	When the bed-guard is assembled for use, there shall be no open-ended tubes, holes, loose washers, speed fixings, nuts or crevices in which a child’s finger or flesh could become trapped. There shall be no openings with a dimension greater than 5 mm and less than 12 mm, unless the depth of possible penetration by a child’s finger is less than 10 mm.	PASS
5.1.3	The length of the side of the bed-guard shall be not less than 900 mm and not more than 1500 mm.	PASS
5.1.4	The height of the bed-guard shall not be less than 160 mm at any point above the top of the mattress. This dimension shall be calculated using the maximum depth of mattress recommended by the manufacturer.	PASS
5.1.5	Any gap between the underside of the lowest horizontal member on the vertical face of the bed-guard and the underframe of the bed-guard shall be not more than 60 mm.	PASS
5.1.6	The effective diameter of any gap and the distance between two adjacent structural members shall be 60 +5/-15 mm. When the bed-guard is tested in accordance with Annex B, the 45mm cone of the slide gauge shall pass free	PASS



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Clause	Test Method	Rating
	through the gap without load. The 65mm cone shall not pass through the gap under a steady pushing force of 30 N.	
5.1.7	When a single-sided bed-guard is installed in position in accordance with the manufacturer's instructions, the gap between the mattress and the bed-guard shall not exceed 40 mm. When a double-sided bed-guard is installed in accordance with the manufacturer's instructions, the total gap between the both sides of the bed-guard and the edge of the mattress shall not exceed 40 mm.	PASS
5.1.8	If the bed-guard is covered by a detachable cover, the bed-guard shall conform to 5.1.6 when the cover is removed.	PASS
5.1.9	When the bed-guard is tested in accordance with Annex C, the disc shall not be support by any parts of the bed-guard.	PASS
5.1.10	Any cords, strap or ribbon, including those used for tie, shall have a free length of not more than 220 mm when stretched with a force of 25 N, or shall have a width that is at least half of its length.	N/A
5.1.11	There shall be no compression points which can close to less than 18 mm during normal use including the lifting and lowering of the sides of folding bed-guards, unless the clearance is away less than 5 mm.	PASS
5.1.12	Monofilament sewing thread shall not be used.	PASS
5.1.13	Connecting screws for direct fastening, e.g.self-tapping screws, shall not be used for the assembly of any component that is designed to be removed or loosed when dismantling the bed-guard for purposes of transportation or storage.	PASS
5.1.14	All staples shall be loaded in shear and shall be fully driven home.	N/A
5.2*	Detachable components Components intended to be removed shall not, whatever their position, fit wholly within the small parts cylinder specified in BS EN 71-1:2005+A9, 8.2.	PASS
5.3	Non-detachable components Any component which is not intended to be removed shall conform to one of the following:	PASS
	a) The component shall be so embedded that a child cannot grip it with its teeth or fingers	
	b) The component shall not become detached when tested in accordance with BS EN 71-1:2005+A9, 8.3 and 8.4	
	c)Any components which become detached in accordance with BS EN 71-1:2005+A9, 8.3 and 8.4, shall not fit wholly within the small parts cylinder specified in BS EN 71-1:2005+A9, 8.2	
5.4	Mesh When the mesh is tested in accordance with Annex D, the probe shall not pass through the mesh and the threads of the mesh shall not break.	PASS
5.5	Security of bed-guard After the bed-guard has been tested in accordance with Annex E, the gaps in the bed-guard shall still conform to 5.1.5, 5.1.6 and 5.1.7, and all the locking devices shall remain operational.	PASS
5.6	Folding and locking mechanisms	



Clause	Test Method	Rating
5.6.1	Security of locking mechanism Parts of the bed-guard designed to fold or be disconnected shall have a locking mechanism which is inoperable by the child who is retained by the guard. Folding and locking mechanisms shall be considered inoperable by a child if at least one of the following conditions is fulfilled.	PASS
	a) folding or unlocking is only possible when two independent unlocking mechanisms are operated simultaneously; or	
	b) release of the folding or locking mechanism requires a specified minimum force or the use of a tool (e.g. spanner or screwdriver); or	
	c) release of the folding or locking mechanism requires two consecutive actions, the first of which has to be maintained while the second is carried out.	
5.6.2***	Incomplete deployment Where it is possible for a user to believe wrongly that a product is ready for use without the folding or locking mechanisms fully engaged(i.e. incomplete deployment):	PASS
	a) at least one folding or locking mechanism, shall engage automatically when the product is deployed for use; and	
	b) when tested with only the automatic locking mechanism engaged, the application of a force of 200N to any part of the product(except the folding or locking release mechanism) shall not result in hazardous folding or detachment.	
5.6.3	Setting-up or folding away	
5.6.3.1	There shall be no compression points which close to less than 18 mm under the action of forces other than those of the carer setting up or folding away (e.g. spring force or gravity), unless the clearance is always less than 5 mm.	PASS
5.6.3.2	Compression points which can close to less than 12mm that only becomes accessible as the product is set up or folded away are allowable. Contact edges and ends shall conform to 5.1.1 unless the clearance is always less than 5mm. When compression points prohibited by 5.6.3.1 would be created by the release of locking mechanisms, or by a user wrongly believing that a guard is ready for use without the locking mechanisms fully engaged, then these locking mechanisms shall conform to 5.6.2.	PASS
5.6.4***	Durability Folding and locking mechanisms shall continue to meet the requirements of 5.6.1, 5.6.2 and 5.6.3 after being opened and closed 300 times.	PASS
5.7	Flammability performance of fabrics and fabric assemblies If textile, coated textile or plastic-coated parts of the bed-guard have an area of more than 5% of the total construction, the rate of spread of flame of the material or coating shall not exceed 30 mm/s and no surface flash shall occur when the material or coating is tested in accordance with the test method for toy disguise costumes in BS EN 71-2:2006+A1, 5.4.	PASS (See Flammability Test Result)
5.8	Decals, labels and decorative effects	
5.8.1	Decals and adhesive labels	N/A



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Testing Center Hangzhou

Clause	Test Method	Rating
	When tested in accordance with Annex F, plastic decals or parts of plastic decals and adhesive labels shall not become detached or removed from their original position.	
5.8.2	Sewn-in labels and decorative effects Sewn-in labels and decorative effects shall be securely attached along all their edges.	N/A
6	Marking	PASS
7	Purchase information	PASS
8	Instructions for use	PASS
9	Packaging	N/A

Note: N/A = Not applicable.

Item with * means it passed at the first retest.

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

Sample Photo:

Received sample (front view)



Received sample (side view)



SGS authenticate the photo on original report only



Chemical Test Results:

Test Part Description

SN ID	Sample No.	SGS Sample ID	Description
SN1	A1	SHA23-0193450-0001.C001	White coating on metal tube
SN2	A2	SHA23-0193450-0001.C002	Off-white plastic connection
SN3	A3	SHA23-0193450-0001.C003	White plastic buckle
SN4	A4	SHA23-0193450-0001.C004	White fabric with black printing
SN5	A5	SHA23-0193450-0001.C005	White fabric
SN6	A6	SHA23-0193450-0001.C006	White mesh
SN7	A7	SHA23-0193450-0001.C007	White ribbon
SN8	A8	SHA23-0193450-0001.C008	Black/white sewing label
SN9	A9	SHA23-0193450-0001.C009	White sewing thread
SN10	A2+A3	SHA23-0193450-0002	Off-white plastic connection + White plastic buckle

Remarks:

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) “-“ = Not Regulated

Entry 51 of Regulation (EU) 2018/2005 amending Annex XVII of REACH Regulation (EC) No 1907/2006 - Phthalate

Test Method: With reference to CPSC-CH-C1001-09.4, analysis was performed by GC-MS.

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A1	A4	A2+A3
Dibutyl Phthalate(DBP)	84-74-2	0.1	%	0.005	ND	ND	ND
Benzyl Butyl Phthalate(BBP)	85-68-7	0.1	%	0.005	ND	ND	ND
Bis-(2-ethylhexyl) Phthalate(DEHP)	117-81-7	0.1	%	0.005	ND	ND	ND
Diisobutyl Phthalate(DIBP)	84-69-5	0.1	%	0.005	ND	ND	ND
Sum of (DBP,BBP,DEHP, DIBP)	-	0.1	%	-	ND	ND	ND
Conclusion					Pass	Pass	Pass

Notes:

DBP,BBP,DEHP, DIBP Reference information: Entry 51 of Regulation (EU) 2018/2005 amending Annex XVII of REACH Regulation (EC) No 1907/2006:

i) Shall not be used as substances or in mixtures, individually or in any combination of DBP, BBP, DEHP & DIBP, in concentrations equal to or greater than 0.1 % by weight of the plasticised material, in toys and childcare articles.



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ii) Shall not be placed on the market in toys or childcare articles, individually or in any combination of DBP, BBP, DEHP, in concentrations equal to or greater than 0.1 % by weight of the plasticised material. In addition, DIBP shall not be placed on the market after 7 July 2020 in toys or childcare articles, individually or in any combination of DBP, BBP, DEHP & DIBP, in concentrations equal to or greater than 0.1 % by weight of the plasticised material.

iii) shall not be placed on the market after 7 July 2020 in articles, individually or in any combination of DBP, BBP, DEHP & DIBP, in concentrations equal to or greater than 0.1 % by weight of the plasticised material in the articles.

Please refer to Regulation (EU) 2018/2005 to get more detail information.

Entry 52 of Regulation (EU) 2015/326 amending Annex XVII of REACH Regulation (EC) No 1907/2006 - Phthalate

Test Method: With reference to CPSC-CH-C1001-09.4, analysis was performed by GC-MS.

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A1	A4	A2+A3
Diisononyl Phthalate (DINP)	28553-12-0 /68515-48-0	-	%	0.005	ND	ND	ND
Di-n-Octyl Phthalate(DNOP)	117-84-0	-	%	0.005	ND	ND	ND
Diisodecyl Phthalate (DIDP)	26761-40-0 /68515-49-1	-	%	0.005	ND	ND	ND
Sum of (DINP,DNOP,DIDP)	-	0.1	%	-	ND	ND	ND
Conclusion					Pass	Pass	Pass

Notes:

DINP, DNOP, DIDP Reference information: Entry 52 of Regulation (EU) 2015/326 amending Annex XVII of REACH Regulation (EC) No 1907/2006.

i) Shall not be used as substances or in mixtures, in concentrations greater than 0.1 % by weight of the plasticised material, in toys and childcare articles which can be placed in the mouth by children.

ii) Such toys and childcare articles containing these phthalates in a concentration greater than 0.1 % by weight of the plasticised material shall not be placed on the market.

Please refer to Regulation (EU) 2015/326 to get more detail information.

EN 71-3:2019+A1:2021- Migration of certain elements (Category III:for scrapped-off toy material)

Test Method: With reference to EN 71-3:2019+A1:2021, analysis was performed by ICP-OES, IC-UV or LC-ICP-MS.

Test Item(s)	Limit	Unit(s)	MDL	A1	A2	A3
Soluble Aluminum(Al)	28130	mg/kg	50	ND	ND	ND
Soluble Antimony(Sb)	560	mg/kg	10	ND	ND	ND
Soluble Arsenic(As)	47	mg/kg	10	ND	ND	ND
Soluble Barium(Ba)	18750	mg/kg	50	ND	ND	ND
Soluble Boron(B)	15000	mg/kg	50	ND	ND	ND



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Test Item(s)	Limit	Unit(s)	MDL	A1	A2	A3
Soluble Cadmium(Cd)	17	mg/kg	5	ND	ND	ND
Soluble Chromium(III)(CrIII)	460	mg/kg	5	ND	ND	ND
Soluble Chromium(VI)(Cr VI)	0.053	mg/kg	0.025	ND	ND	ND
Soluble Cobalt(Co)	130	mg/kg	10	ND	ND	ND
Soluble Copper(Cu)	7700	mg/kg	50	ND	ND	ND
Soluble Lead(Pb)	23	mg/kg	5	ND	ND	ND
Soluble Manganese(Mn)	15000	mg/kg	50	ND	ND	ND
Soluble Mercury(Hg)	94	mg/kg	10	ND	ND	ND
Soluble Nickel(Ni)	930	mg/kg	10	ND	ND	ND
Soluble Selenium(Se)	460	mg/kg	10	ND	ND	ND
Soluble Strontium(Sr)	56000	mg/kg	50	ND	ND	ND
Soluble Tin(Sn)	180000	mg/kg	3	ND	ND	ND
Soluble Zinc(Zn)	46000	mg/kg	50	ND	ND	ND
Soluble Organic Tin*	12	mg/kg	-	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Unit(s)	MDL	A4	A5	A6
Soluble Aluminum(Al)	28130	mg/kg	50	ND	ND	ND
Soluble Antimony(Sb)	560	mg/kg	10	ND	ND	ND
Soluble Arsenic(As)	47	mg/kg	10	ND	ND	ND
Soluble Barium(Ba)	18750	mg/kg	50	ND	ND	ND
Soluble Boron(B)	15000	mg/kg	50	ND	ND	ND
Soluble Cadmium(Cd)	17	mg/kg	5	ND	ND	ND
Soluble Chromium(III)(CrIII)	460	mg/kg	5	ND	ND	ND
Soluble Chromium(VI)(Cr VI)	0.053	mg/kg	0.025	ND	ND	ND
Soluble Cobalt(Co)	130	mg/kg	10	ND	ND	ND
Soluble Copper(Cu)	7700	mg/kg	50	ND	ND	ND
Soluble Lead(Pb)	23	mg/kg	5	ND	ND	ND
Soluble Manganese(Mn)	15000	mg/kg	50	ND	ND	ND
Soluble Mercury(Hg)	94	mg/kg	10	ND	ND	ND
Soluble Nickel(Ni)	930	mg/kg	10	ND	ND	ND
Soluble Selenium(Se)	460	mg/kg	10	ND	ND	ND
Soluble Strontium(Sr)	56000	mg/kg	50	ND	ND	ND
Soluble Tin(Sn)	180000	mg/kg	3	ND	ND	ND
Soluble Zinc(Zn)	46000	mg/kg	50	ND	ND	ND
Soluble Organic Tin*	12	mg/kg	-	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Unit(s)	MDL	A7	A8	A9
Soluble Aluminum(Al)	28130	mg/kg	50	ND	65	ND
Soluble Antimony(Sb)	560	mg/kg	10	ND	ND	ND
Soluble Arsenic(As)	47	mg/kg	10	ND	ND	ND
Soluble Barium(Ba)	18750	mg/kg	50	ND	ND	ND
Soluble Boron(B)	15000	mg/kg	50	ND	ND	ND



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Test Item(s)	Limit	Unit(s)	MDL	A7	A8	A9
Soluble Cadmium(Cd)	17	mg/kg	5	ND	ND	ND
Soluble Chromium(III)(CrIII)	460	mg/kg	5	ND	ND	ND
Soluble Chromium(VI)(Cr VI)	0.053	mg/kg	0.025	ND	ND	ND
Soluble Cobalt(Co)	130	mg/kg	10	ND	ND	ND
Soluble Copper(Cu)	7700	mg/kg	50	ND	ND	ND
Soluble Lead(Pb)	23	mg/kg	5	ND	ND	ND
Soluble Manganese(Mn)	15000	mg/kg	50	ND	ND	ND
Soluble Mercury(Hg)	94	mg/kg	10	ND	ND	ND
Soluble Nickel(Ni)	930	mg/kg	10	ND	ND	ND
Soluble Selenium(Se)	460	mg/kg	10	ND	ND	ND
Soluble Strontium(Sr)	56000	mg/kg	50	ND	ND	ND
Soluble Tin(Sn)	180000	mg/kg	3	ND	ND	ND
Soluble Zinc(Zn)	46000	mg/kg	50	ND	ND	ND
Soluble Organic Tin*	12	mg/kg	-	ND	ND	ND
Conclusion				Pass	Pass	Pass

Notes:

(1) According to Chapter of 10.1.2 of EN 71-3:2019+A1:2021, Chromium (III) is calculated by the following formula:

Soluble Chromium (III) = Soluble Total Chromium - Soluble Chromium (VI)

(2) *Confirmation test of soluble organic tin is not required in case of soluble tin, after conversion, does not exceed the soluble organic tin requirement as specified in EN 71-3:2019+A1:2021.

(3) Mass of trace amount of sample A9 is 59.6mg.

AS/NZS ISO 8124.3:2021-Migration of Certain Elements

Test Method: With reference to AS/NZS ISO 8124.3:2021, analysis was performed by ICP-OES.

Test Item(s)	Limit	Unit(s)	MDL	A1	A2	A3
Soluble Lead(Pb)	90	mg/kg	5	ND	ND	ND
Soluble Antimony(Sb)	60	mg/kg	5	ND	ND	ND
Soluble Arsenic(As)	25	mg/kg	2.5	ND	ND	ND
Soluble Barium(Ba)	1000	mg/kg	10.0	29	ND	ND
Soluble Cadmium(Cd)	75	mg/kg	5	ND	ND	ND
Soluble Chromium(Cr)	60	mg/kg	5	ND	ND	ND
Soluble Mercury(Hg)	60	mg/kg	5	ND	ND	ND
Soluble Selenium(Se)	500	mg/kg	10	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Unit(s)	MDL	A4	A5	A6
Soluble Lead(Pb)	90	mg/kg	5	ND	ND	ND
Soluble Antimony(Sb)	60	mg/kg	5	ND	ND	ND
Soluble Arsenic(As)	25	mg/kg	2.5	ND	ND	ND
Soluble Barium(Ba)	1000	mg/kg	10.0	ND	ND	ND



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Test Item(s)	Limit	Unit(s)	MDL	A4	A5	A6
Soluble Cadmium(Cd)	75	mg/kg	5	ND	ND	ND
Soluble Chromium(Cr)	60	mg/kg	5	ND	ND	ND
Soluble Mercury(Hg)	60	mg/kg	5	ND	ND	ND
Soluble Selenium(Se)	500	mg/kg	10	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Unit(s)	MDL	A7	A8	A9
Soluble Lead(Pb)	90	mg/kg	5	ND	ND	ND
Soluble Antimony(Sb)	60	mg/kg	5	ND	ND	ND
Soluble Arsenic(As)	25	mg/kg	2.5	ND	ND	ND
Soluble Barium(Ba)	1000	mg/kg	10.0	ND	ND	12
Soluble Cadmium(Cd)	75	mg/kg	5	ND	ND	ND
Soluble Chromium(Cr)	60	mg/kg	5	ND	ND	ND
Soluble Mercury(Hg)	60	mg/kg	5	ND	ND	ND
Soluble Selenium(Se)	500	mg/kg	10	ND	ND	ND
Conclusion				Pass	Pass	Pass

Notes:

- Results shown are of the adjusted analytical results.
- Mass of trace amount of sample A1 is 96.8mg, sample A9 is 51.4mg.

Remark: Test was conducted on composite of random parts of the item as per client's request.

Sample Photo:



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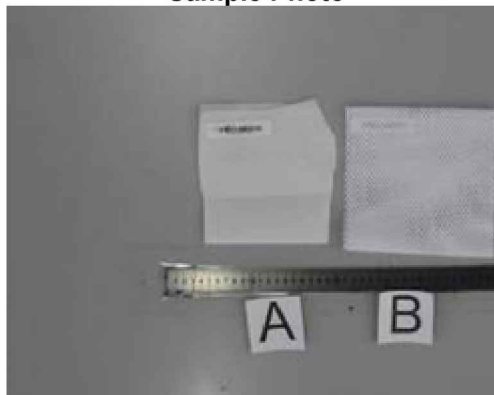
Textile Test Result:

Fibre Content (AS 2001.7-2005)

	(A)	Requirement
Polyester (%)	100	-
	(B)	Requirement
Polyester (%)	100	-

Remark: The testing was performed by SGS other internal laboratory.

Sample Photo



Flammability Test Result:

Test Requested : AS PER CLIENT'S REQUEST, SGS WAS REQUESTED TO DO THE SPECIFIED SELECTED TEST:
 Clause 5.4 of BS EN 71-2:2006+A1 Flammability

Test Method : With Reference to BS EN71 Part 2:2020 Clause 5.4 Test relating to toys to be worn on the head (4.2.5), hoods, headdresses including upward protruding items and masks not covered by 4.2.4 which partially or fully cover the head (e.g. fabric and paperboard masks, eye masks, face masks), toy disguise costumes and toys intended to be worn or toys intended to be entered by a child

Test Result :

Sample	Burning rate(mm/sec)
White fabric	12.9
White mesh	0



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Salt Test Result:

Test Method and Requirement:

ISO 9227: 2022– Corrosion tests in artificial atmospheres – Salt spray tests (NSS: Neutral Salt spray)

Number of tested samples	8 PCS	
Number of reference samples	None	
Properties of reference samples	None	
Dimensions and shape of the test sample	See test photo	
Nature and area of the surface tested	Whole coated surface, no defect	
Preparation of the material or product tested	Washed by clean, running water	
Base metal and coating	Base metal: Not provided Coating: Not provided	
The duration of the test and the results of any intermediate inspections	48 Hours Result of intermediate inspection: None	
Type and purity of salt and water used	Sodium chloride: analytical grade Water: deionized water	
Test Solution	Concentration of NaCl: 50 g/L±5 g/L or 1.029 to 1.036 at 25°C	
pH of test solution	6.8	
The frequency and number of sample location permutations	None	
Result of corrosion rate of reference sample	None	
Abnormality or incident occurring during the entire test procedure	None	
Intervals of inspection	None	
Cleaning after the test	Remove the test specimens from the cabinet and allow them to dry for 0.5 h to 1 h before rinsing, in order to reduce the risk of removing corrosion products. Before they are examined, carefully remove the residues of spray solution from their surfaces. A suitable method is to rinse or dip the test specimens gently in clean running water, at a temperature not exceeding 40°C, and then to dry them immediately in a stream of air, at an overpressure not exceeding 200 kPa and at a distance of approximately 300 mm.	
	Requirement	Result
Angle of the tested surface were inclined	15~25° from the vertical	25°
Test Temperature	35°C±2°C.	35°C
Volume of collected solution	1.5±0.5 (mL/h)/80cm ²	1.5 (mL/h)/80cm ²
pH of collected solution	6.5~7.2	6.9
Concentration of solution collected at 25°C	50 g/L±5 g/L	1.032



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Result:

Sample No.	Result
1	Oxidation was found
2	Oxidation was found
3	Oxidation was found
4	No defect
5	Oxidation was found
6	Oxidation was found
7	Oxidation was found
8	Oxidation was found

Remark:

- 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.
- 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.
- The PDF file of information and relative guarantee letter were provided to evaluate the product information.
- Items marked with "Not accredited" in this report are not included in the accredited scope for our laboratory.
- The test report added Testing Accreditation Symbol.

End of Report



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