



Test Report

No.: GZHL2306020047IP

Date: Sep 01, 2023

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ZHONGSHAN KEEKAROO DAILY PRODUCTS CO.,LTD
233 DONGRUI INDUSTRIAL PARK,XIAOLAN TOWN,ZHONGSHAN CITY

Sample Description : CHILD SAFETY GATE
Style No. : KKF-10 (8003)
Manufacturer : ZHONGSHAN KEEKAROO DAILY PRODUCTS CO.,LTD

As above test item and its relevant information regarding to the submission are provided and confirmed by the applicant. SGS is not liable to either the test item or its relevant information, in terms of the accuracy, suitability, reliability or/and integrity accordingly.

Sample Receiving Date : Jun 19, 2023
1st Sample Resubmission Date : Jul 21, 2023
2nd Sample Resubmission Date : Aug 15, 2023
Test Performing Date : Jun 19, 2023 to Aug 24, 2023
Test Performed : Selected test(s) as requested by applicant
Test Result(s) : For further details, please refer to the following page(s)

Test Requested	Result
EN 1930:2011 (excluding clauses 6.9, 7, 8 & 10)	PASS

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Arthur Mak
Authorized Signatory



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Guangzhou Branch Testing Center, Harbin

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Part I: Test Conducted: Based on EN 1930:2011---Child use and care articles - Safety barriers – Safety requirements and test methods
1. Scope:

This European Standard specifies the safety requirements and test methods for child safety barriers for domestic indoor use which are designed to be fitted across openings to limit a child's access inside the home and to prevent young children up to 24 months of age passing through.

This European Standard does not apply to products designed to be fitted across windows.

2. Test Sample: 1 piece

3. Test Results: Details shown as following table

Clause	Test Items	Test Result
6	Mechanical hazards	
6.1	General	---
6.2	Barrier Function	PASS
6.3	Gaps	PASS
6.4	Opening and closing system	
6.4.1.1	Unintentional opening	PASS
6.4.1.2	Closing system	PASS
6.4.1.3	Closing system with a mechanism that closes the system without the intervention of the user	NA
6.5	Entrapment hazards	PASS
6.6	Shearing and crushing hazards	PASS
6.7	Protrusion hazards	PASS
6.8	Choking and ingestion hazards	PASS
6.9	Suffocation hazards	NT
6.10	Hazardous edges and points	PASS
6.11	Structural integrity	
6.11.1	Materials	
6.11.1.1	General – Wood and wood based material	NA
6.11.1.2	Requirements for connecting screws	PASS
6.11.1.3	Requirements for staples	NA
6.11.2	Effectiveness of the fixing, locking devices and opening systems	PASS
6.12	Security of the safety barrier from Impact test	PASS



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Guangzhou Branch Testing Center

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Clause	Test Items	Test Result
7	Chemical hazards	NT
8	Thermal hazards	NT
9	Additional hazards	
9.1	Use of a tool	NA
9.2	Toys	PASS
10	Product information	
10.1	General	NT
10.2	Marking	NT
10.3	Purchase information	NT
10.4	Instructions for use	NT

Remarks:

1. NA = Not applicable.
2. NT = Not tested as per client's request.
3. This safety barrier is provided without extension. And this safety barrier is suitable for openings ranging from 76 cm to 83 cm.
4. Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w =0) stated in ILAC-G8:09/2019.

Sample Photos:



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Part II: Chemical Test Results (SGS Ref. No.: CAN23-0047502, CAN23-0083603)

Test Result(s):

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description
SN1	A1	CAN23-0047502-0001.C001	White coating on metal(frame)
SN2	A2	CAN23-0047502-0001.C002	White plastic(joint)
SN3	A3	CAN23-0047502-0001.C003	Beige plastic(joint)
SN4	A4	CAN23-0047502-0001.C004	Light gray plastic(on frame)
SN5	A5	CAN23-0047502-0001.C005	Black plastic(press-button)
SN6	A6	CAN23-0047502-0001.C006	Light gray plastic(on press-button base)
SN7	A7	CAN23-0047502-0001.C007	Snow white plastic(adjutor nut on bolt)
SN8	A8	CAN23-0083603-0001.C001	White soft plastic(bolt)

Remarks:

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

EN 1930:2011 (Clause 7) - Migration of Certain Elements

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	249	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	947	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	10
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	407	ND	ND
Soluble Tin(Sn)	180000	mg/kg	3	ND	ND	ND
Soluble Zinc(Zn)	46000	mg/kg	50	86	ND	ND
Soluble Organic Tin*	12	mg/kg	-	ND	ND	ND
Conclusion				Pass	Pass	Pass



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



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(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.

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule ($w=0$) stated in ILAC-G8:09/2019.

Sample Photo:



Product Photo



Product Photo



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Product Photo

End of Report



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