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Test Report Number: SHAH01524650

Applicant: JIANGSU BAOXIANG SPORTS EQUIPMENT CO., LTD
NO. 2 RENMIN ROAD, YINJI TOWN, JINHU COUNTY, HUAI'AN CITY, JIANGSU PROVINCE, 211644 CHINA
Attn: HE SHIDONG

Date: 24 Jul, 2023

Sample Description:
One(1) group of submitted sample said to be :

Item Name	:	Trampoline
Item No.	:	BX-6301-16(6W)B,BX-6301-16(6W)GNB,BX-6301-16(6W)OGB
Labelled Age Group	:	6+
Packaging Provided By Applicant	:	Yes
Country Of Origin	:	China

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Tests Conducted:
As requested by the applicant, for details refer to attached page(s).

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Conclusion:

Tested Samples	Standard	Result
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
Submitted Sets	Consumer Product Safety Improvement Act (CPSIA) 2008 Section 103 Tracking Labels for Children Products	Pass
Submitted Sample	U.S. ASTM F963-17 - Physical And Mechanical Tests	Pass
Submitted Sample	U.S. ASTM F963-17 - Flammability Test of Materials Other Than Textile Materials	Pass
Composite tested component(s) and tested component(s) of submitted sample(s) / set(s)	U.S. Consumer Product Safety Improvement Act 2008 title I, section 101 for total Lead content in surface coating	Pass

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To be continued

Authorized By:
Intertek Testing Services Ltd. Zhejiang

Bobo Yao
Assistant General Manager

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Test Report Number: SHAH01524650

Submitted sample	ASTM F381-16 Standard Safety Specification for Components, Assembly, Use, Labeling of Consumer Trampolines	Pass
Submitted sample	ASTM F2225-15(R2020) Standard Safety Specification for Consumer Trampoline Enclosures	Pass
Composite tested component(s) and tested component(s) of submitted sample(s) / set(s)	U.S. Consumer Product Safety Improvement Act 2008 title I, section 101 for total Lead content in surface coating	Pass
Composite tested component(s) and tested component(s) of submitted sample(s)/ set(s)	U.S. Consumer Product Safety Improvement Act 2008 title I, section 101 for total Lead content in non-surface coating materials (substrate)	Pass
Tested component(s) of submitted sample	U.S. ASTM F963-17 for total Lead content in surface coating	Pass
Tested component(s) of submitted sample	U.S. ASTM F963-17 for total Lead content in non-surface coating	Pass
Tested components of submitted sample	U.S. ASTM F963-17 on soluble heavy elements test	Pass
Tested Component of Submitted Sample	US Consumer Product Safety Improvement Act 2008 Title I, Sec 108(a) & (b)(3) and US 16 CFR Part 1307 for Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates	Pass
Composite tested component(s) and tested component(s) of submitted sample(s) / set(s)	U.S. CFR title 16(CPSC regulations) Part 1303 total Lead content	Pass

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To be continued

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Submitted sample	Clause5.3.3 of ASTM F381-16 (Material used in the trampoline mat shall meet the requirements specified in ASTM F2774-09) - Bursting Strength As Received - Tensile Strength And Elongation - Tear Strength of Fabrics by Trapezoid Procedure - UV Degradation Test by ASTM D4329-13 Standard Practice for Fluorescent Ultraviolet (UV) Lamp Apparatus Exposure of Plastic	Pass
Submitted sample	Clause 6.6 Ultraviolet (UV) Resistant Materials Test of ASTM F381-16	Pass
Submitted sample	Grey scale for assessing change in color	Pass See test details

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To be continued

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Tests Conducted

1.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： For ages 6 years and up

	No. of SampleTested	Sharp Point (1500.48)	Sharp Edge (1500.49)	Small Part (1501)
As Received	#1, #2,#3	P	P	NA
Impact (1500.53 (b))	#1, #2,#3	P	P	NA
Torque (1500.53 (e))	#1, #2,#3	P	P	NA
Tension (1500.53 (f))	#1, #2,#3	P	P	NA
Compression (1500.53 (g))	#1, #2,#3	P	P	NA

Remark：P = Pass
NA = Not Applicable

Date Sample Received： Nov 30, 2022
Testing Period： Nov 30, 2022 to Jul 18, 2023

2.Flammability Test

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

Result = Ignited but Self-Extinguished before Burn Rate Could be Determined

Date Sample Received： Nov 30, 2022
Testing Period： Nov 30, 2022 to Jul 18, 2023

3.Tracking Label Assessment

As per Consumer Product Safety Improvement Act (CPSIA) 2008 Section 103 Tracking Labels For Children Products.

Tracking Label Found on the Packaging：

Manufacturer:Jiangsu Baoxiang Sports Equipment Co., Ltd
Location of Production: No. 2 Renmin Road, Yinji Town, Jinhu County, Jiangsu Province, China
Date:May,25,2025

Lot number: W55072963

Tracking Label Found on the Product：

Manufacturer:Jiangsu Baoxiang Sports Equipment Co., Ltd
Location of Production: No. 2 Renmin Road, Yinji Town, Jinhu County, Jiangsu Province, China
Date:May,25,2025

Lot number: W55072963

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Tests Conducted

Note：The tracking label assessment was based on the submitted sample and the information provided by the applicant. There was no verification on the validity of such information.

Date Sample Received： Nov 30, 2022
Testing Period： Nov 30, 2022 to Jul 17, 2023

4.Physical and Mechanical Tests

As per ASTM Standard Consumer Safety Specification for Toy Safety F963-17.

Applicant's Specified Age Group for Testing： For ages 6 years and up

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：-

Test	FHSA	Parameter
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

Section	Testing Items	Assessment
4.1	Material Quality	P
4.5	Sound-Producing Toys	NA
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	NA
4.9	Accessible Points	P
4.10	Wires Or Rods	NA
4.11	Nails And Fasteners	P
4.12	Plastic Film	NA
4.13	Folding Mechanisms and Hinges	NA
4.14	Cords, Straps, and Elastics	NA
4.15	Stability and Over-Load Requirements	P
4.16	Confined Spaces	NA
4.17	Wheels, Tires and Axles	NA
4.18	Holes, Clearance, and Accessibility of Mechanisms	P
4.19	Simulated Protective Devices	NA
4.20	Pacifiers	NA
4.21	Projectile Toys	NA
4.22	Teethers and Teething Toys	NA
4.23	Rattles	NA
4.24	Squeeze Toys	NA
4.25	Battery-Operated Toys	NA
4.26	Toys Intended to be Attached to a Crib or Playpen	NA
4.27	Stuffed and Beanbag-Type Toys	P
4.28	Stroller and Carriage Toys	NA

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Tests Conducted

Section	Testing Items	Assessment
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	Yo Yo 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	Producer's Markings	
	- Name of Producer/Distributor (Toy / Package)	Yes
	- Address (Toy / Package)	Yes

Remark: The submitted samples were undergone the tests in accordance with section 8.5 through section 8.16 and 8.20 through 8.30 on normal use, abuse and specific tests for different types of toys whichever is applicable.

P = Pass NA = Not Applicable

Date Sample Received: Nov 30, 2022
Testing Period: Nov 30, 2022 to Jul 24, 2023

5.Flammability Test

As per section 4.2 of the ASTM Standard Consumer Safety Specification On Toy Safety F963-17.

Result = Ignited But Self-Extinguished before Burn Rate Could be Determined

Date Sample Received: Nov 30, 2022
Testing Period: Nov 30, 2022 to Jul 24, 2023

6.STANDARD SAFETY SPECIFICATION FOR COMPONENTS, ASSEMBLY, USE, LABELING OF CONSUMER TRAMPOLINES

With reference to ASTM F381-16 Standard Safety Specification for Components, Assembly, Use, Labeling of Consumer Trampolines, the submitted samples were subjected to the following tests:
Number of Sample Tested: Three (3) Piece(s)
Initial inspection: No damage was found.
Maximum user weight as claim: 120 kg .
Executive summary:

Clause	Test items	Verdict
1	Scope.	-
2	Referenced Documents	-
3	Terminology.	-
4	Included Components	P
5	Materials and Manufacture	-
5.1	General	P

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Tests Conducted

Clause	Test items	Verdict
5.2	Design requirements	P
5.3	Performance requirements	P
6	Performance Requirements	-
6.1	Shock Attenuation	P
6.2	Drop Test	P
6.3	Padding Attachment System Tests	P
6.4	Drop test for Trampoline Edge Survivability	P
6.5	Crush and shear points	P
6.6	Ultraviolet (UV) Resistant Materials Test	P
6.7	Static load Tests	-
6.7.1	Static Load Test on Trampoline Bed	P
6.7.2	Static Load Test on Trampoline Frame	P
6.8	Maximum User Weight	P
7	Information Packet	-
7.1	Packet Marking and Contents	P
7.2	Assembly and Installation Instructions	P
7.3	Care and Maintenance Instructions	P
7.4	Warning Information	P
7.5	Use instructions	P
8	Product Marking	-
8.1	Identification	P
8.2	On-Trampoline Warnings	P
8.3	Instruction Sign	P
9	Packaging and Package Marking	P
10	Access Devices	P

Abbreviation: **P**=**P**ass;

Date Sample Received： Nov 30, 2022
Testing Period： Nov 30, 2022 to Jul 18, 2023

7.STANDARD SAFETY SPECIFICATION FOR CONSUMER TRAMPOLINE ENCLOSURES

With reference to ASTM F2225-15 (Reapproved 2020) Standard Safety Specification for Consumer Trampoline Enclosures, the submitted sample was subjected to the following test:
Number of Sample Tested: Three (3) Piece(s)
Initial inspection: No any damage was found.
Maximum user weight as claim: 120 kg .
Executive Summary:

Clause	**Test items**	**Verdict**
1	Scope.	-
2	Referenced Documents	-
3	Terminology.	-
4	Components	P
5	General Requirements	-
5.1	Barrier Minimum height	P
5.2	Enclosure support (frame) system and barrier	P
5.3	Support attachment system and hardware	P
5.4	Fasteners, connecting, and covering devices	#1
5.5	Connecting devices	P
5.6	Enclosure barrier	P
5.7	Support (frame) members	P
5.8	Barrier attachment system	P

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Tests Conducted

Clause	Test items	Verdict
5.9	Enclosure opening	P
6	Performance Requirements	-
6.1	Barrier Impact and Enclosure Support Pole (Frame)	P
6.2	Performance Requirement Test #2	P
6.3	Performance Requirement Test #3	P
6.4	User Containment	P
6.5	Ultraviolet (UV) Resistant Materials Test	P
7	Information Packet	-
7.1	Packet Marking and contents	P
7.2	Assembly and Installation Instructions	P
7.3	Care and maintenance Instructions	P
7.4	Warning information	P
7.5	Use instructions	P
8	Product Marking	-
8.1	Identification	P
8.2	On-Enclosure Warnings	P
8.3	Instruction Placard	P
9	Packaging and Package Marking	

Abbreviation: **P**=**P**ass **NA**=**N**ot **A**pplicable

Note:
#1= Certificate of compliance document was provided for verification. No actual test was conducted

Date Sample Received： Nov 30, 2022
Testing Period： Nov 30, 2022 to Jul 18, 2023

8.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-E1003-09.1 was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Tested Component	Result (ppm)	Limit (ppm)
(1+2)	ND	90
(3)	ND	90

The limit was quoted according to U.S. Consumer Product Safety Improvement Act 2008 title I, section 101 for total Lead content in surface coating.

Remark：ppm = Parts per million = mg/kg
Detection Limit = 20 mg/kg
ND=Not Detected

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

Date Sample Received： Nov. 30.2022
Testing Period： Nov. 30.2022 To Mar 31, 2023

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Tests Conducted

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 method(s) CPSC-CH-E1002-08.3 and/or CPSC-CH-E1001-08.3 was/were used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Tested Component	Result (ppm)	Limit (ppm)
(4+5+6)	ND	100
(7+8)	ND	100
(9+10)	ND	100
(11+12)	ND	100
(13+14+15)	ND	100
(16)	ND	100
(17)	ND	100
(18)	ND	100
(19+20)	ND	100
(21)	ND	100
(22)	ND	100
(23)	ND	100
(24)	ND	100
(25)	ND	100
(26)	ND	100
(27)	ND	100
(28)	ND	100
(29)	ND	100
(30)	ND	100

The limit was quoted according to U.S. Consumer Product Safety Improvement Act 2008 title I, section 101 for total Lead content in non-surface coating materials (substrate).

Remark：ppm = Parts per million = mg/kg
Detection Limit = 20 mg/kg
ND=Not Detected

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

Date Sample Received： Nov. 30.2022
Testing Period： Nov. 30.2022 To Mar 31, 2023

10.Total Lead (Pb) Content for Coating

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

Tested component	Result in ppm	Limit (ppm)
(1+2)	ND	90
(3)	ND	90

Remark：ppm = parts per million = mg/kg
Detection Limit = 20 mg/kg
ND=Not Detected

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

Date Sample Received： Nov. 30.2022
Testing Period： Nov. 30.2022 To Mar 31, 2023

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Tests Conducted

11.Total Lead (Pb) Content for Non-surface Coating

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 or/and CPSC-CH-E1002-08.3, was/were used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Tested Component	Result (ppm)	Limit (ppm)
(4+5+6)	ND	100
(7+8)	ND	100
(9+10)	ND	100
(11+12)	ND	100
(13+14+15)	ND	100
(16)	ND	100
(17)	ND	100
(18)	ND	100
(19+20)	ND	100
(21)	ND	100
(22)	ND	100
(23)	ND	100
(24)	ND	100
(25)	ND	100
(26)	ND	100
(27)	ND	100
(28)	ND	100
(29)	ND	100
(30)	ND	100

Remark：ppm = parts per million = mg/kg
Detection Limit = 20 mg/kg
ND=Not Detected

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

Date Sample Received： Nov. 30.2022
Testing Period： Nov. 30.2022 To Mar 31, 2023

12.Soluble Heavy Metal Elements Analysis

As per section 4.3.5.1(2) and 8.3.2 / 4.3.5.2(2)(b)and 8.3.5 of the ASTM standard consumer safety specification on toy safety F963-17, acid extraction method was used and heavy metal elements content were determined by Inductively Coupled Argon Plasma Spectrometry.

	Result (ppm)						Soluble Limit(ppm)
	(1)	(2)	(3)	(4)	(5)	(6)	
Sol. Barium(Ba)	12	345	337	258	12	19	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	<5	<5	<5	<5	<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

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	Result (ppm)						Soluble Limit(ppm)
	(7)	(8)	(9)	(10)	(11)	(12)	
Sol. Barium(Ba)	21	<5	22	<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	<5	<5	<5	<5	<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

	Result (ppm)						Soluble Limit(ppm)
	(13)	(14)	(15)	(16)	(17)	(18)	
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	<5	<5	<5	<5	<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

	Result (ppm)				Soluble Limit(ppm)
	(19)	(20)	(21)	(30)	
Sol. Barium(Ba)	<5	<5	24	<5	1000
Sol. Lead(Pb)	<5	<5	<5	<5	90
Sol. Cadmium(Cd)	<5	<5	<5	<5	75
Sol. Antimony(Sb)	<5	<5	<5	<5	60
Sol. Selenium(Se)	<5	<5	<5	<5	500
Sol. Chromium(Cr)	<5	<5	<5	<5	60
Sol. Mercury(Hg)	<5	<5	<5	<5	60
Sol. Arsenic(As)	<2.5	<2.5	<2.5	<2.5	25

Remark: ppm = Parts per million = mg/kg
Sol. = Soluble

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

Date Sample Received: Nov. 30.2022
Testing Period: Nov. 30.2022 To Mar 31, 2023

13.Phthalate Content

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

Test item	Result (%)							Limit (%) (Max.)
	(1+2)	(3)	(4+5+6)	(7+8)	(9+10)	(11+12)	(13+14+15)	
Dibutyl phthalate (DBP)	ND	ND	ND	ND	ND	ND	ND	0.1

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Test Report Number: SHAH01524650

Tests Conducted								
Di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	ND	ND	ND	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	ND	ND	ND	ND	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	ND	ND	ND	ND	0.1
Diisobutyl phthalate (DIBP)	ND	ND	ND	ND	ND	ND	ND	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	ND	ND	ND	ND	ND	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	ND	ND	ND	ND	ND	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	ND	ND	ND	ND	ND	0.1

Test item	Result (%)					Limit (%) (Max.)
	(16)	(17)	(18)	(19+20)	(30)	
Dibutyl phthalate (DBP)	ND	ND	ND	ND	ND	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	ND	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	ND	ND	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	ND	ND	0.1
Diisobutyl phthalate (DIBP)	ND	ND	ND	ND	ND	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	ND	ND	ND	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	ND	ND	ND	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	ND	ND	ND	0.1

The above limit was quoted according to 16 CFR part 1307 approved by U.S. Consumer Product Safety Commission (CPSC) for prohibition of children's toys and child care articles containing specified phthalates.

Remark：ND = Not Detected
Detection Limit = 0.01%

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

Date Sample Received： Nov. 30.2022
Testing Period： Nov. 30.2022 To Mar 31, 2023

14.Bursting Strength As Received (ASTM D3786/D3786M-18, Mullen Type Burster):

	Requirement*
NA	≥4650 kPa

Remark: The requirement prescribed in ASTM F2774-09.

Date Sample Received： Nov 30, 2022
Testing Period： Nov 30, 2022 To Jul 17, 2023

15.Tensile Strength And Elongation (ASTM D5034-21, Tensile Testing Machine, CRE)

Item description	Direction	Test Parameters		Breaking Strength (lbf)	Requirement*
		Original Gauge Length (mm)	Clamp Width (mm)		
Black fabric	Warp	75	25	495.7	≥400lbf
Black fabric	Weft	75	25	407.9	≥350lbf

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Test Report Number： SHAH01524650

Tests Conducted

Item description	Direction	Test Clamp Length		Elongation (%)	Requirement*
		Original Gauge Length (mm)	Length At Breaking (mm)		
Black fabric	Warp	75	99	32	≤35%
Black fabric	Weft	75	98	31	≤35%

Remark: The requirement prescribed in ASTM F2774-09.

Date Sample Received： Nov 30, 2022
Testing Period： Nov 30, 2022 To Jul 17, 2023

16.Tear Strength of Fabrics by Trapezoid Procedure(ASTM D5587-15 (R2019), Tensile Testing Machine, CRE Type)

Result:

		Requirement*
Machine Direction	104.6lbf	≥100lbf
Cross Direction	101.3lbf	≥100lbf

Remark: The requirement prescribed in ASTM F2774-09.

Date Sample Received： Nov 30, 2022
Testing Period： Nov 30, 2022 To Jul 17, 2023

17.UV DEGRADATION TEST BY ASTM D4329-13 STANDARD PRACTICE FOR FLUORESCENT ULTRAVIOLET (UV) LAMP APPARATUS EXPOSURE OF PLASTIC

With reference to the standard ASTM D4329-13 Standard Practice for Fluorescent Ultraviolet (UV) Lamp Apparatus Exposure of Plastic. The submitted sample(s) was/were subjected to the following test.

Number of sample tested: _Two__ (2) groups for test & _Two__ (2) groups for control sample

Initial inspection: No any damage was found as sample received stage.

Equipment Name: Fluorescent UV/condensation weathering instrument

Test Method:
Test specimens shall withstand __5000__ hours Weathering Test based on ASTM D4329-13, Cycles A (in clause 7.2), The description please see below.

Cycle number	Cycle description	340nm Irradiance	Black panel temperature
A	8 h UV	0.89W/(m^2.nm)	60℃
	4 h condensation	Dark period	50℃
	Repeated continuously		

Test Requirement:
The following samples shall be exposed for ultraviolet (UV) resistant using accelerated weathering chambers and the mat shall retain at least 70 % of its original tensile strength. The requirement applies to two sets of test specimens (one in the warp and one in the weft direction) as specified in ASTM D5035.

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Test Report Number： SHAH01524650

Tests Conducted
Test Results:

Item no.	Item description	Horizontal Residual Force (N)		Horizontal Residual Strength (%)	Longitudinal Residual Force (N)		Longitudinal Residual Strength (%)
		Before UV test	After UV test		Before UV test	After UV test	
1	Black fabric	1814.4	1802.4	99.3	2204.9	2095.6	95.0

Date Sample Received： Nov 30, 2022
Testing Period： Nov 30, 2022 To Jul 17, 2023

As requested by the applicant, the submitted samples were subjected to the following test:
Number of sample tested: 10 (Ten) group(s)
Initial inspection: No damage was found.

18.Clause 6.6 Ultraviolet (UV) Resistant Materials Test

Test method:
With reference to ASTM F381-16 Clause 6.6 Ultraviolet (UV) Resistant Materials Test, test specimens shall withstand 500 hours Weathering Test based on AATCC Method 169, the description please see below:
1. The weathering test cycle shall be 40 min of light, 20 min of light with water spray on the fabric face, 60 min of light, 60 min of darkness. The test cycle shall be repeated until the total energy exposure is equal to 500 kJ/m2 at 340 nm (or 61 MJ/m2 at 300 nm – 400 nm);
2. The irradiance level shall be either: 0.40 6 0.01 W/m2 bandpass at 340 nm, or 46 6 1.0 W/m2 at 300 nm – 400 nm;
3. The relative humidity shall be 50 6 5 % during the light cycle and not lower than 95 % during the dark cycle.

Test requirement:
After 500 hours UV test, conduct the exposed and non-exposed (control samples) tensile test samples, in accordance with Test Method D638, at a testing rate of 2 in. (51mm)/min, exposed samples shall retain at least 80% of its original tensile strength.
Detailed test results see below:

Test results:

Item no.	Item description	Horizontal Residual Force (N)		Horizontal Residual Strength (%)	Longitudinal Residual Force (N)		Longitudinal Residual Strength (%)
		Before UV test	After UV test		Before UV test	After UV test	
A	Blue PVC fabric 312C	781.2	656.24	84.00	644.92	617.08	95.68
B	Blue PVC fabric 661C	682.16	675.72	99.06	920.68	860.48	93.46
C	Pink PVC fabric 218C	692.24	656.84	94.89	912.44	811.80	88.97
D	Blue PE fabric 293C	734.48	655.56	89.25	452.96	448.56	99.03
E	Orange PE fabric 158C	688.24	610.32	88.68	725.60	609.72	84.03
F	Green PVC fabric 375C	788.12	782.92	99.34	603.36	555.46	92.06
G	Green PE fabric 375C	1211.12	1081.64	89.31	1162.84	1154.48	99.28
H	Dark blue PVC fabric 288C	634.56	556.32	87.67	830.60	777.60	93.62
I	Bright green PVC fabric 808C	335.64	334.00	99.51	613.60	534.52	87.11
J	Black PE fabric	701.00	680.68	97.10	729.09	680.56	93.34

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Test Report Number： SHAH01524650

Tests Conducted

Date Sample Received： Nov 30, 2022
Testing Period： Nov 30, 2022 To Jul 17, 2023

19.Grey scale for assessing change in color

Test requirement:
Based on ISO 4582-2007 Plastics-determination of changes in color and variations in properties after exposure to daylight under glass, natural weathering or laboratory light sources clause 4.1.2.2 Grey scale for assessing change in color. The test results see below:

Test result:

Item no.	Item description	Grey scale after test
A	Blue PVC fabric 312C	Grade 4-5
B	Blue PVC fabric 661C	Grade 4-5
C	Pink PVC fabric 218C	Grade 4-5
D	Blue PE fabric 293C	Grade 4-5
E	Orange PE fabric 158C	Grade 4
F	Green PVC fabric 375C	Grade 4-5
G	Green PE fabric 375C	Grade 4-5
H	Dark blue PVC fabric 288C	Grade 4-5
I	Bright green PVC fabric 808C	Grade 4-5
J	Black PE fabric	Grade 4-5

Remark: Grade 1 corresponds to the strongest contrast, and grade 5 to 1 contrast based on the requirement of ISO 105-A02.

Date Sample Received： Nov 30, 2022
Testing Period： Nov 30, 2022 To Jul 17, 2023

20. Total Lead (Pb) Content

As per U.S. Code of Federal Regulations title 16 part 1303, acid digestion method was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Tested components	Result (%)	Limit (%)
(1+2)	ND	0.009
(3)	ND	0.009

The limit was quoted according to CPSC Regulation CFR title 16 Part 1303 for Lead (Pb) content.

Remark：ND = Not Detected
Detection Limit = 0.002%

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

Date Sample Received： Nov. 30.2022

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Test Report Number： SHAH01524650

Tests Conducted
Testing Period： Nov. 30.2022 To Mar 31, 2023

Tested components:

(1) Red coating on metal(zipper)
(2) Black coating on metal
(3) Red/white coating on plastic(backboard)
(4) Black plastic buckle
(5) Yellow plastic zipper teeth
(6) Black plastic(backboard)
(7) Black plastic(plug of pole)
(8) Black plastic(top cap)
(9) Black plastic(pad of pole)
(10) Black plastic(on nut)
(11) Green PVC(padding)
(12) Blue PVC(padding)
(13) Black PE
(14) Blue PE
(15) Green PE
(16) Black jumping mat
(17) Black enclosure net
(18) White fabric with pattern(label)
(19) Black foam
(20) White foam(stuffing of padding)
(21) Black elastic strap on padding
(22) Silvery metal pole
(23) Silvery metal triangle ring on jumping mat
(24) Silvery metal screw
(25) Silvery metal spring
(26) Silvery metal(zipper puller)
(27) Silvery metal(zipper slider)
(28) Silvery metal nut
(29) Silvery metal bolt
(30) Orange PE

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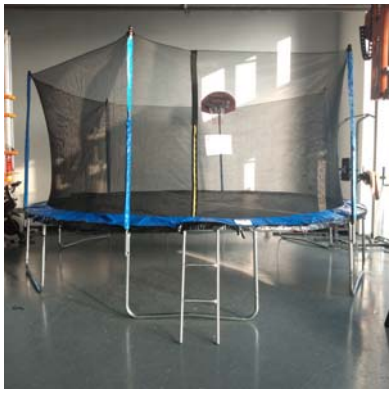
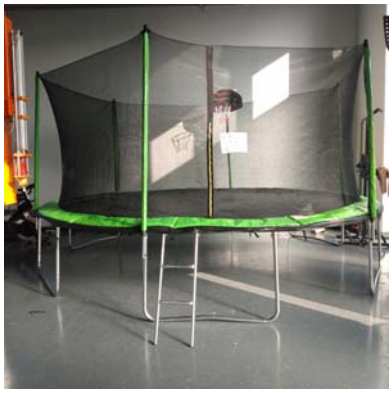
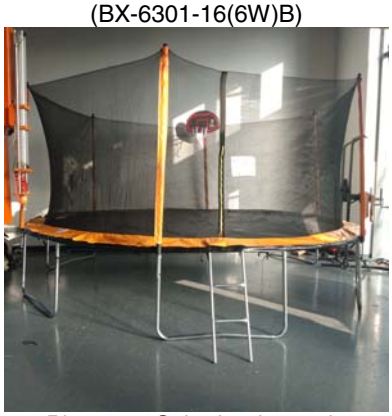
Tests Conducted



Picture 1: Submitted sample (BX-6301-16(6W)B)



Picture 2: Submitted sample (BX-6301-16(6W)GNB)



Picture 3: Submitted sample (BX-6301-16(6W)OGB)

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End of report

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