

Test Report

Applicant: TYZE LLC

Number: SHAH01936941

Date: Apr 14, 2026

Attn:

Sample Description:

Six (6) pieces of submitted sample said to be :

Item Name : Playpen mat
Item No. : 8 playpen mat beige;10 playpen mat beige;8 playpen mat geometry color;10 playpen mat geometry color;8 playpen mat under the sea color; 10 playpen mat under the sea color
Labelled Age Group : 0M+
Supplier :

Goods Exported To : US
Country Of Origin : China
Date Sample Received : 19 Mar, 2026
Testing Period : 19 Mar, 2026 To 13 Apr, 2026

Tests Conducted:

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

Conclusion:

<u>Tested Sample</u>	<u>Standard</u>	<u>Result</u>
Submitted sample	16 CFR 1243 Safety Standard for Infant Support Cushions	Pass
	U.S. CFR title 16 (CPSC regulations) part 1130-requirements for consumer registration of durable infant or toddler products	Pass
	Consumer Product Safety Improvement Act (CPSIA) 2008 Section 103 Tracking Labels for Children Products	Pass
	Consumer Product Safety Act section 14(a) (5)	Pass
Submitted Samples	U.S. ASTM F963-23 Physical and Mechanical Tests.	Pass
	U.S. ASTM F963-23 Flammability Test of Materials other than Textile Materials	Pass

To be continued

Authorized By:
For Intertek Testing Services Ltd., Shanghai



Bill Zhang
General Manager



Test Report

Number: SHAH01936941

Conclusion:

<u>Tested Sample</u>	<u>Standard/Testing Item</u>	<u>Result</u>
Tested component(s) of submitted samples	U.S. ASTM F963-23 Section 4.3.8 on Phthalate content	Pass
	U.S. ASTM F963-23 Section 4.3.5.1 on soluble heavy elements test in surface coating	Pass
	U.S. ASTM F963-23 Section 4.3.5.2 on soluble heavy elements test in substrate	Pass
	U.S. Consumer Product Safety Improvement Act 2008 Title I, Sec 108(a) & (b)(3) and U.S. 16 CFR Part 1307 for Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates	Pass
	U.S. ASTM F963-23 Section 4.3.5.1 on total Lead content in surface coating	Pass
	U.S. ASTM F963-23 Section 4.3.5.2 on total Lead content in substrate	Pass
	U.S. 16 CFR Part 1303 total Lead content	Pass
	U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 101(15 USC 1278a) for Total Lead content in substrate	Pass

To be continued

Authorized By:
For Intertek Testing Services Ltd., Shanghai



Bill Zhang
General Manager



Test Report

Number: SHAH01936941

Tests Conducted

1 Infant Support Cushions

With reference to 16 CFR 1243 Safety Standard for Infant Support Cushions, the submitted samples were subjected to the following tests:

Number of Sample Tested: Three (3) Pieces

Initial inspection: no any damage was found

Executive summary:

Clause	Test items	Verdict
§ 1243.1	Scope, purpose, application, and exemptions	-
§ 1243.2	Definitions	-
§ 1243.3	General requirements	-
(a)	Hazardous sharp edges or points	P
(b)	Small parts	P
(c)	Lead in paints	P
(d)	Toys	NA
(e)	Removal of components	NA
(f)	Permanency of labeling and warnings	P
(g)	Convertible products	NA
§ 1243.4	Performance requirements	-
(a)	Restraint	P
(b)	Seam strength	P
(c)	Bounded openings	P
(d)	Maximum incline angle	NA
(e)	Firmness	P
(f)	Sidewall angle	NA
§ 1243.5	Test methods	-
§ 1243.6	Marking and labeling	P(Remark#1)
§ 1243.7	Instructional literature	P
§ 1243.8	Incorporation by reference	-

Abbreviation: **P**=Pass; **NA**=Not Applicable; **F**=Fail; **NC** = Not Conducted; **NR** = Not Requested

Remark:

#1. The evaluation or testing related to instruction or packaging is based on the artwork submitted by the applicant rather than on the actual sample of instruction or packaging.

Part of the evaluation or testing need to perform the actual sample and was not conducted, those include: letter height, print durability, label permanency and label position.



Test Report

Number: SHAH01936941

Tests Conducted

2 CONSUMER REGISTRATION

As per U.S. code of federal regulations title 16 part 1130 - requirements for consumer registration of durable infant or toddler products, the submitted sample was subjected to the following test:

Number of Sample Tested: Three (3) Pieces

Initial inspection: No any damage was found.

Executive Summary:

Clause	Test items	Verdict
3	General requirements	P
4	Identification on the product	P
5	Requirements for registration forms	P
6	Requirements for format of registration forms	P
7	Requirements for Web site registration or alternative e-mail registration.	P
8	Recordkeeping and notification requirements.	-

Abbreviation: **P=Pass F=Fail NA=Not Applicable NC=Not Conducted NR = Not Requested**

3 Tracking Label Assessment

As per consumer product safety Act section 14(a) (5) and consumer product safety improvement act (CPSIA) 2008 Section 103 tracking labels for children products

Tracking Label Found on the Packaging:

ZETY
Jiaxing, Zhejiang, China
Jan. 10, 2026

Tracking Label Found on the Product:

ZETY
Jiaxing, Zhejiang, China
Jan. 10, 2026

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: Mar.20, 2026 & Mar.31, 2026

Testing Period: Mar.20, 2026 to Apr.2, 2026

Test Report

Number: SHAH01936941

Tests Conducted

4 Physical and Mechanical Tests

Test standard: ASTM Standard Consumer Safety Specification for Toy Safety F963-23.

Applicant's Specified Age Group for Testing: For all ages

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:

<u>Test</u>	<u>FHSA</u>	<u>Parameter</u>
Tip over Test	Section 1500.53(b)	3 times
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

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.

Section	Requirement	Result
4.1	Material Quality (Visual check on cleanliness)	P
4.3.7	Stuffing materials	P
4.5	Sound-producing toys	NA
4.6.1	Toys intended for children under 36 months (Small objects)	P
4.6.2	Mouth-actuated toys	NA
4.6.3	Toys and games for children at least 36 months but less than 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	NA
4.16	Confined spaces	NA
4.17	Wheels, tires and axles	NA
4.18	Holes, clearance, and accessibility of mechanisms	NA
4.19	Simulated protective devices (such as helmets, hats and goggles)	NA
4.20	Pacifiers	NA

Test Report

Number: SHAH01936941

Tests Conducted

Section	Requirement	Result
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
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	Yoyo 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	
7.1	Name of producer/distributor (toy)	Yes
	Address (toy)	Yes
7.3	Toy chests	
7.3.1	Name and address of manufacturer/distributor/seller	NA
7.3.2	Code mark	NA

Abbreviation: P = Pass NA= Not Applicable

Date Sample Received: Mar.20, 2026 & Mar.31, 2026

Testing Period: Mar.20, 2026 to Apr.2, 2026

Test Report

Number: SHAH01936941

Tests Conducted

5 Flammability Test

Test requirement: Section 4.2 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-23, the sample was tested according to Annex A5 Flammability Testing Procedure for Solids and Soft Toys.

Result: Ignited but self-extinguished before burn rate could be determined.

Date Sample Received: Mar.20, 2026

Testing Period: Mar.20, 2026 to Mar.23, 2026

6 Phthalate Content (U.S. ASTM F963-23 Section 4.3.8)

As per Section 4.3.8 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-23, test method CPSC-CH-C1001-09.4 was used and followed by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Test Item	CAS No.	Result					Units	D.L.	Limit
		2	3+4	5+6	10	-			
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	-	%	0.01	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	-	%	0.01	0.1
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	-	%	0.01	0.1
Di-isononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	-	%	0.01	0.1
Di-isobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	-	%	0.01	0.1
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	ND	ND	ND	-	%	0.01	0.1
Di-n-hexyl phthalate (DnHP/DHEXP)	84-75-3	ND	ND	ND	ND	-	%	0.01	0.1
Di-cyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	ND	-	%	0.01	0.1

Remarks:

D.L. = Detection Limit

ND = Not Detected

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

Test Report

Number: SHAH01936941

Tests Conducted

7 Heavy Elements Analysis in Surface Coating (U.S. ASTM F963-23 Section 4.3.5.1)

As per Section 4.3.5 and Section 8.3.2 to 8.3.5 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-23, heavy elements migration content were determined by Inductively Coupled Plasma - Optical Emission Spectrometry.

Test Item	Result					Units	D.L.	Limit
	1	2	-	-	-			
Barium (Ba)	ND	ND	-	-	-	mg/kg	5	1000
Lead (Pb)	ND	ND	-	-	-	mg/kg	5	90
Cadmium (Cd)	ND	ND	-	-	-	mg/kg	5	75
Antimony (Sb)	ND	ND	-	-	-	mg/kg	5	60
Selenium (Se)	ND	ND	-	-	-	mg/kg	5	500
Chromium (Cr)	ND	ND	-	-	-	mg/kg	5	60
Mercury (Hg)	ND	ND	-	-	-	mg/kg	5	60
Arsenic (As)	ND	ND	-	-	-	mg/kg	2.5	25

Remarks:

D.L. = Detection Limit

ND = Not detected

The analytical results were adjusted by subtracting analytical correction factor.

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

8 Heavy Elements Analysis in Substrate (Except modelling clay) (U.S. ASTM F963-23 Section 4.3.5.2)

As per Section 4.3.5 and Section 8.3.2 to 8.3.5 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-23, heavy elements migration content were determined by Inductively Coupled Plasma - Optical Emission Spectrometry.

Test Item	Result					Units	D.L.	Limit
	3	4	5	6	7			
Barium (Ba)	ND	ND	ND	ND	ND	mg/kg	5	1000
Lead (Pb)	ND	ND	ND	ND	ND	mg/kg	5	90
Cadmium (Cd)	ND	ND	ND	ND	ND	mg/kg	5	75
Antimony (Sb)	ND	ND	ND	ND	ND	mg/kg	5	60
Selenium (Se)	ND	ND	ND	ND	ND	mg/kg	5	500
Chromium (Cr)	ND	ND	ND	ND	ND	mg/kg	5	60
Mercury (Hg)	ND	ND	ND	ND	ND	mg/kg	5	60
Arsenic (As)	ND	ND	ND	ND	ND	mg/kg	2.5	25
Test Item	Result					Units	D.L.	Limit
	8	-	-	-	-			
Barium (Ba)	ND	-	-	-	-	mg/kg	5	1000
Lead (Pb)	ND	-	-	-	-	mg/kg	5	90
Cadmium (Cd)	ND	-	-	-	-	mg/kg	5	75
Antimony (Sb)	ND	-	-	-	-	mg/kg	5	60
Selenium (Se)	ND	-	-	-	-	mg/kg	5	500
Chromium (Cr)	ND	-	-	-	-	mg/kg	5	60
Mercury (Hg)	ND	-	-	-	-	mg/kg	5	60
Arsenic (As)	ND	-	-	-	-	mg/kg	2.5	25

Test Report

Number: SHAH01936941

Tests Conducted

Remarks:

D.L. = Detection Limit

ND = Not detected

The analytical results were adjusted by subtracting analytical correction factor.

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

9 Phthalate Content (U.S. CPSIA Section 108(a) & (b)(3) and U.S. 16 CFR Part 1307)

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

Test Item	CAS No.	Result					Units	D.L.	Limit
		2	3+4	5+6	10	-			
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	-	%	0.01	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	-	%	0.01	0.1
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	-	%	0.01	0.1
Di-isononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	-	%	0.01	0.1
Di-isobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	-	%	0.01	0.1
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	ND	ND	ND	-	%	0.01	0.1
Di-n-hexyl phthalate (DnHP/DHEXP)	84-75-3	ND	ND	ND	ND	-	%	0.01	0.1
Di-cyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	ND	-	%	0.01	0.1

Remarks:

D.L. = Detection Limit

ND = Not detected

The above limit was quoted according to U.S. Consumer Product Safety Improvement Act 2008 Title I, Sec 108(a) & (b)(3) and U.S. 16 CFR Part 1307 for Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates.

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

10 Total Lead (Pb) Content in Surface Coating (U.S. ASTM F963-23 Section 4.3.5.1)

With reference to Section 4.3.5 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-23, test method CPSC-CH-E1003-09.1 was used and total Lead content was determined by Inductively Coupled Plasma - Optical Emission Spectrometry.

Test Item	Result					Units	D.L.	Limit
	2	-	-	-	-			
Lead (Pb)	ND	-	-	-	-	mg/kg	10	90

Test Report

Number: SHAH01936941

Tests Conducted

Remarks:

D.L. = Detection Limit

ND = Not detected

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

11 Total Lead (Pb) Content in Substrate (U.S. ASTM F963-23 Section 4.3.5.2)

With reference to Section 4.3.5 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-23, test method CPSC-CH-E1001-08.3 or/and CPSC-CH-E1002-08.3 were used and total Lead content was determined by Inductively Coupled Plasma - Optical Emission Spectrometry and/or Atomic Absorption Spectrometry.

Test Item	Result					Units	D.L.	Limit
	3+4	5+6	9	10	-			
Lead (Pb)	ND	ND	27	ND	-	mg/kg	10	100

Remarks:

D.L. = Detection Limit

ND = Not detected

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

12 Total Lead (Pb) Content (U.S. 16 CFR Part 1303)

As per Standard Operating Procedure for Determining Lead (Pb) in paint and other similar surface coatings, test method CPSC-CH-E1003-09.1 was used and total Lead content was determined by Inductively Coupled Plasma - Optical Emission Spectrometry.

Test Item	Result					Units	D.L.	Limit
	2	-	-	-	-			
Lead (Pb)	ND	-	-	-	-	%	0.001	0.009

Remarks:

D.L. = Detection Limit

ND = Not detected

The above limit was quoted according to U.S. 16 CFR Part 1303 for Ban of Lead-containing Paint and Certain Consumer Products Bearing Lead-containing Paint.

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

Test Report

Number: SHAH01936941

Tests Conducted

13 Total Lead (Pb) Content in Substrate (U.S. CPSIA Section 101(15 USC 1278a))

As per Standard Operating Procedures for Determining total Lead (Pb) in children's products, test methods CPSC-CH-E1002-08.3 and/or CPSC-CH-E1001-08.3 were used and total Lead content was determined by Inductively Coupled Plasma - Optical Emission Spectrometry and/or Atomic Absorption Spectrometry.

Test Item	Result					Units	D.L.	Limit
	3+4	5+6	9	10	-			
Lead (Pb)	ND	ND	27	ND	-	mg/kg	10	100

Remarks:

D.L. = Detection Limit

The above limit was quoted according to U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 101(15 USC 1278a) for total Lead content in substrate.

ND = Not detected

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



Picture 1



Picture 2



Picture 3



Picture 4

Test Report

Number: SHAH01936941

Tests Conducted



Picture 5



Picture 6

Date sample received: Mar.18, 2026
Testing period: Mar.18, 2026 to Apr.10, 2026

Component List

No.	Test Component Description(s)
(1)	Four-color printed coatings on fabric. (cover) all styles (sample weight:13 mg)
(2)	Black/orange/white coatings on fabric. (warning label/wash label/tracking label) all styles (sample weight:16 mg)
(3)	White synthetic fabric excluding coatings. (cover) all styles
(4)	Brown woven fabric with transparent soft plastic. (dot back) all styles
(5)	Semi-transparent plastic. (zipper teeth) all styles
(6)	White foam. (stuffing) all styles
(7)	White woven fabric. (zipper tape) all styles
(8)	White woven fabric excluding coatings. (warning label/wash label/tracking label) all styles
(9)	Silver color metal with treatment. (zipper head) all styles
(10)	White synthetic fabric with coatings. (cover) all styles

The sample weight in bracket was for soluble toxic elements analysis only.

End Of Report

The statements of conformity reported have considered the decision rule agreed, namely that Intertek have taken account of measurement uncertainty as calculated by Intertek, and applied according to ILAC-G8/09:2019 (Non-binary acceptance based on guard band $w = U$) except designation from the customer, regulation or test specification. This decision rule only applies to the numeric test results.

The sample(s) and sample information hereto are provided by the client who shall be solely responsible for the authenticity and integrity thereof. The results shown in this report relate only to the sample(s) received and tested. It is not intended to be a recommendation for any particular course of action. Intertek does not accept a duty of care or any other responsibility to any person other than the Client in respect of this report and only accepts liability to the Client insofar as is expressly contained in the terms and conditions governing Intertek's provision of services to you. Intertek makes no warranties or representations either express or implied with respect to this report save as provided for in those terms and conditions. We have aimed to conduct the review on a diligent and careful basis and we do not accept any liability to you for any loss arising out of or in connection with this report, in contract, tort, by statute or otherwise, except in the event of our gross negligence or wilful misconduct. This report shall not be reproduced unless with prior written approval from Intertek Testing Services Ltd., Shanghai