



TEST REPORT

Report No. 010224010340R2

DATED: 02 APRIL 2025

Client : PLAN CREATIONS CO., LTD.
8 MOO 8, TRANG-PALIAN RD.,
YANTAKAO, TRANG 92140 THAILAND

Buyer : /

Sample Description : SOLID DRUM

Item No. : 6404

SKU No. : /

Model / Style : /

Client Specified Age Grade : 12M+

Manufacturer : /

Country of Origin : THAILAND

Country of Destination : /

Test Sample Received : RECEIVED 09/04/2024

Test Period : FROM 09/04/2024 TO 19/04/2024

Report was revised as per client request and shall supersede Report # 010224010340R1, dated 23 January 2025

TEST REQUESTED	CONCLUSION	REMARK
EN 71-1:2014+A1:2018 – PHYSICAL AND MECHANICAL PROPERTIES	PASS	-
EN 71-2:2020 – FLAMMABILITY	PASS	-
EN 71-3:2019+A2:2024 – MIGRATION OF CERTAIN ELEMENTS	PASS	-

Remark:

1. The sample is tested "12M+" as per client requested.
2. The Labeled Age Grade is 12M+.

For technical enquiries or any other concerns,
please contact:

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ALEX LAU

TECHNICAL DIRECTOR

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SAMPLE PHOTO



SAMPLE PHOTO

Solid Drum
This drum is made from sustainably sourced wood and is designed to be played with hands or a mallet. It is a great introduction to rhythm and sound for young children. The drum is made from a single piece of wood, with a natural finish. The drumhead is made from a natural material, such as animal skin or a synthetic material. The drum is decorated with a colorful geometric pattern. The drum is made from a single piece of wood, with a natural finish. The drumhead is made from a natural material, such as animal skin or a synthetic material. The drum is decorated with a colorful geometric pattern.

Kinderdrum
Das Kindersolidum ist ein einfaches Instrument, das aus einem Stück Holz gefertigt ist. Es ist ein ideales Spielzeug für Kinder, um das Rhythmusgefühl zu entwickeln. Das Kindersolidum ist aus einem hochwertigen Holz gefertigt und ist sehr robust. Es ist leicht zu halten und zu spielen. Das Kindersolidum ist ein tolles Geschenk für Kinder, die Musik lieben.

Drum Solidum
Este tambor sólido es un instrumento musical que se puede tocar con las manos o con un mazo. Es una excelente introducción al ritmo y al sonido para los niños. El tambor sólido está hecho de una sola pieza de madera, con un acabado natural. La cabeza del tambor está hecha de un material natural, como piel de animal o un material sintético. El tambor sólido está decorado con un patrón geométrico colorido. El tambor sólido está hecho de una sola pieza de madera, con un acabado natural. La cabeza del tambor está hecha de un material natural, como piel de animal o un material sintético. El tambor sólido está decorado con un patrón geométrico colorido.



6404
Solid Drum
12m+

PLAN CREATIONS CO., LTD.
1041 Sui Sathum 10, North Sathum Road,
Bangkok, Thailand 10110

Sustainably made in Thailand

ISO 9001, ISO 14001, ISO 45001, SA 8000 Certified
BPA, TSCA Title VI / 40 CFR Part 770 compliant for formaldehyde

Conforms to
ASTM CE UK CA

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REMARK:

As per customer request, results for chemical tests listed below were referenced from the corresponding reports, issued no more than 12 months prior to this report.

Item Description: 6404 SOLID DRUM

<u>Components</u>		<u>Report Number</u>	<u>Date of Issue</u>
<u>EN 71-3:2019+A2:2024 Migration of Certain Elements</u>			
1	SOLID WOOD	010223060067	20-Jun-23
2	PLYWOOD	010223060068	20-Jun-23
3	PLASTIC FILM (6404)	010224020151	22-Feb-24
4	5293924 BLACK RUBBER	010223050049	26-May-23
5	5294008 YELLOW RUBBER	010223050005	15-May-23
6	CLEAR COATING ON WOOD	010223060081	27-Jun-23



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TEST RESULT(S):

EN 71-1:2014+A1:2018 – Physical and Mechanical Properties

Test Method : Reference to EN 71-1:2014+A1:2018.

Clause	Requirement	Result
4.1	Material cleanliness	M
4.2	Assembly	NA
4.3	Flexible plastic sheeting	NA
4.4	Toy bags	NA
4.5	Glass	NA
4.6	Expanding materials	NA
4.7	Edges	M
4.8	Points and metallic wires	M
4.9	Protruding parts	NA
4.10	Parts moving against each other	NA
4.11	Mouth actuated toys and other toys intended to be put in the mouth	NA
4.12	Balloons	NA
4.13	Cord of toy kites and other flying toys	NA
4.14	Toys which a child can enter	NA
4.15	Toys propelled by child	NA
4.16	Heavy immobile toys	NA
4.17	Projectiles	NA
4.18	Aquatic toys and inflatable toys	NA
4.19	Percussion caps	NA
4.20	Acoustics	See Results 4.20.2.9
4.21	Toys containing a non-electrical heat source	NA
4.22	Small balls	NA
4.23	Magnets	NA
4.24	Yo-yo balls	NA
4.25	Toys attached to food	NA
5	Toys intended for children under 36 months	M
6	Packaging	NA
7	Warning, instructions for use	M

Note:

M = Meet

NR = Not Requested

NM = Not Meet

NT = Not Tested

NA = Not Applicable

NP = Not Present

R = Refer to Comment Section



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TEST RESULT(S): (Continued)

Sound-Producing Toys

Test Item(s)	6404 Solid Drum		
Clause 4.20.2.9	Permissible Limit	Unit	Result
A-weighted time-averaged emission sound pressure level (L_{pA})	85	dB	73
C-weighted peak emission sound pressure level (L_{pCpeak})	130	dB	81
Conclusion	-	-	PASS

EN 71-2:2020 - Flammability

Test Method : Reference to EN 71-2:2020.

Test Item(s)	Item / Component Description(s)
1	6404 SOLID DRUM

Subclause	Requirement	Result
4.1	General requirement	PASS
4.2	Toys to be worn on the head	NA
4.3	Toy disguise costumes and toys intended to be worn by a child in play	NA
4.4	Toys intended to be entered by a child	NA
4.5	Soft-filled toys	NA

Note:

M = Meet

NM = Not Meet

NA = Not Applicable

R = Refer to Comment Section

NR = Not Requested

NT = Not Tested

NP = Not Present

DNI = Did Not Ignite

EN 71-3:2019+A2:2024 – Migration of Certain Elements

Test Method : Reference to BS EN 71-3:2019+A2:2024 Analysis by ICP-MS.

Test Item(s)	Item / Component Description(s)
1	SOLID WOOD
2	PLYWOOD
3	PLASTIC FILM (6404)
4	5293924 BLACK RUBBER
5	5294008 YELLOW RUBBER
6	CLEAR COATING ON WOOD

See Soluble Element and its corresponding Maximum Allowable Limit in Result Table	Category I	Pliable modelling materials or other solid materials intended to leave a trace appearing in the toy
	Category II	Liquid paints/inks and other similar materials appearing as such in the toy (e.g. bubble solution), and glue sticks
	Category III	Coatings, polymeric materials (e.g. plastics), paper, textiles, glass, ceramic, metallic, wood and other solid materials



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TEST RESULT(S): (Continued)

Test Item(s)	Unit	Permissible Limit	Result					
			1	2	3	4	5	6
Category Type	-	III	III	III	III	III	III	III
Aluminium (Al)	mg/kg	28130	ND	ND	ND	ND	ND	ND
Antimony (Sb)	mg/kg	560	ND	ND	6.7	ND	ND	ND
Arsenic (As)	mg/kg	47	ND	1.37	ND	ND	ND	ND
Barium (Ba)	mg/kg	18750	ND	ND	ND	ND	ND	ND
Boron (B)	mg/kg	15000	ND	ND	ND	ND	ND	ND
Cadmium (Cd)	mg/kg	17	ND	ND	ND	ND	ND	ND
Chromium III (Cr III)	mg/kg	460	0.0200	0.0200	0.03	ND	ND	0.48
Chromium VI (Cr VI)	mg/kg	0.053	ND	ND	ND	ND	ND	ND
Cobalt (Co)	mg/kg	130	ND	ND	ND	ND	ND	ND
Copper (Cu)	mg/kg	7700	ND	ND	ND	ND	ND	ND
Lead (Pb)	mg/kg	23	ND	ND	ND	ND	ND	ND
Manganese (Mn)	mg/kg	15000	40.0	18.0	ND	ND	ND	ND
Mercury (Hg)	mg/kg	94	ND	ND	ND	ND	ND	ND
Nickel (Ni)	mg/kg	930	ND	ND	ND	ND	ND	ND
Selenium (Se)	mg/kg	460	ND	ND	ND	ND	ND	ND
Strontium (Sr)	mg/kg	56000	ND	ND	ND	ND	ND	ND
Tin (Sn)	mg/kg	180000	ND	ND	ND	ND	0.92	ND
Organic tin	mg/kg	12	ND	ND	ND	ND	ND	ND
Zinc (Zn)	mg/kg	46000	ND	ND	ND	209	215	ND
Conclusion	-	-	PASS	PASS	PASS	PASS	PASS	PASS

Note:

- mg/kg = milligram per kilogram
- ND = Not Detected
- Reporting limit for Cr (III), Cr (VI) = 0.02 mg/kg, and for Organic Tin = 0.9 mg/kg
- Reporting limit for Pb = 1.0 mg/kg, for As, Cd = 0.5 mg/kg
- Reporting limit for Al, Sb, Ba B, Co, Hg, Cu, Mn, Ni, Se, Sr, Zn, Sn = 5.0 mg/kg
- Confirmation test of chromium (III) is not required in case of chromium does not exceed their requirements as specified in EN 71-3:2019+ A2: 2024.

Remark:

- Test Item(s) was (were) tested according to European Standard EN 71-3:2019+ A2: 2024, Section 8.
- Results of Cr III and Cr VI were reported as sum of soluble chromium content unless further verified.
- Result(s) of organic tin was (were) calculated by assuming the soluble tin content was wholly contributed from tributyltin (TBT) cation unless further specified.
- The pH measured shall be reported after migration if it was outside the range of 1.1 to 1.3.

END OF REPORT

This report sets forth our findings solely with respect to the test samples identified herein. The results in this report are not representative of the quality or characteristics of the lot/batch from which a test sample was taken or any similar or identical product unless specifically and expressly noted. The sample/s mentioned in this report is/are submitted/supplied/manufactured by the Client, GIC Testing & Inspection Services Pte. Ltd. therefore assumes no responsibility for the accuracy of information on the brand name, model/ style number, consignment or any information supplied. Unless otherwise stated in this report, no tests were conducted to determine long term effects of using the specific product. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission.