RONALD A/S

Technical Report: **(8825)294-0030** Oct 27, 2025
Date Received: Oct 21, 2025

RONALD A/S
BOMHUSVE]20 2100 COPENHAGEN OE2100 COPENHAGEN
OEDENMARK

Sample Description:	FOAM FLOOR MAT		
Vendor:	N/A	Sample Size:	9PCS
Manufacturer:		Style No(s):	NOT PROVIDE
Labeled Age Grade:	NOT PRESENT	SKN/SKU No.:	NOT PROVIDE
Appropriate Age Grade:	NOT REQUESTED	PO No.:	NOT PROVIDE
Client Specified Age Grade:	0+	Ref #:	NOT PROVIDE
Tested Age Grade:	ALL AGES	Country of Origin:	
UPC Code:	N/A	Assortment No.:	NOT PROVIDE
Other Information:	N/A	Country of Destination:	DENMARK
Test Starting Date:	OCT 21, 2025	Test Finished Date:	OCT 27, 2025

EXECUTIVE SUMMARY:

Tested Requested	Conclusion
Mechanical and physical properties requirements of the tested subclauses of the European Standard, “Safety of toys”, EN71: Part 1:2014+A1:2018 clauses 1-7.	PASS
Labeling requirements of “CE marking, manufacturer/ Importer name and address, and product identification” under “Directive 2009/48/EC Safety of Toy”.	PASS
Flammability requirements of the European Standard "Safety of Toys”, EN 71: Part 2: 2020.	PASS

To be continued

BUREAU VERITAS BRANCH

Lisa Bai
Analytical Lab Authorized Sign

BUREAU VERITAS CO.,LTD BRANCH

Tone Tang
Physics Lab Authorized Signatory

RT /Daisy Cai

REMARK

If there are questions or concerns on this report, please contact the following persons:
Report Enquiry: CPSAnalytical.DG@bureauveritas.com
Business Contact:

This report shall not be reproduced except in full, without the written approval of our laboratory.

Bureau Veritas Co., Ltd., Branch
Tel:
www.cps.bureauveritas.com

This report is governed by, and incorporates by reference, the Conditions of Testing as posted at the date of issuance of this report at http://www.bureauveritas.com/home/about-us/our-business/cps/about-us/terms-conditions/ and is intended for your exclusive use. 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. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. Measurement uncertainty is only provided upon request for accredited tests. Statements of conformity are based on simple acceptance criteria without taking measurement uncertainty into account, unless otherwise requested in writing. You have 60 days from date of issuance of this report to notify us of any material error or omission caused by our negligence or if you require measurement uncertainty; provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute you unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.

EXECUTIVE SUMMARY:

Tested Requested	Conclusion
Migration of Certain Elements in Category III - Scraped off toy material requirements of the European Standard, "Safety of toys", EN 71-3:2019+A2:2024.	PASS
Formaldehyde(Migration) Content in Polymeric Toy Material (2009/48/EC (and its amendments) Annex II, Appendix C)	PASS
Formamide Content in Foam Toy Materials - European Parliament and Council Directive 2009/48/EC with its Amendments, Annex II, Appendix C	PASS
Phthalates(BBP/DBP/DEHP/DIBP) Contents in Toys and Childcare Articles – European Regulation (EC) No. 1907/2006 REACH Annex XVII, Item no. 51	PASS
Phthalates(DNOP/DINP/DIDP) Contents in Toys and Childcare Articles which can be placed in the Mouth by the Children – European Regulation (EC) No. 1907/2006 REACH Annex XVII, Item no. 52	PASS
Polycyclic Aromatic Hydrocarbons (PAHs) Content – European Regulation (EC) No. 1907/2006 Annex XVII, Entry 50, Paragraph 5 and 6	PASS

Note: At the request of the client, the sample(s) was evaluated for use by children 0+.

Note: The manufacturer / importer information was present on the packaging only. It has to be noted that, or according to TSD 2009/48/EC, the manufacturers/ importer shall indicate their name, registered trade name registered trade mark and the address at which they can be contacted on the toy, or, where that is not possible, on its packaging or in a document accompanying the toy."

Note: The product identification is present on the packaging only. It has to be noted that, According to TSD 2009/48/EC, manufacturers shall ensure that their toys bear a type, batch, serial or model number or other element allowing their identification, or, where the size or nature of the toy does not allow it, that the required information is provided on the packaging or in a document accompanying the toy.

Tested Component(s) Description List:

Test Item(s)	Item / Component Description(s)	Location(s)	Style(s)
I001	Flesh foam	Foam mat	-

RESULTS:

APPROPRIATE AGE GRADE DETERMINATION

The Appropriate Age Grade is determined with reference to the EN71 : Part 1 : 2014+A1:2018, CEN ISO/TR 8124-8:2016 Safety of toys - Part 8: Age determination guidelines prepared by Technical Committee CEN/TC 52 and Age Grade Determination Guidelines of the Consumer Product Safety Commission (CPSC).
Note : The most stringent age grade from the Labeled Age Grade and the Appropriate Age Grade will be used for testing. Note : If the client does not specify an age grade for testing or request Bureau Veritas Consumer Products Services, Inc. to determine an appropriate age grade, the labeled age grade will be used for testing.

EXPLANATION OF THE ABBREVIATIONS FOR PART 1, 2 & 6

Symbol	Explanation
NM	The sample(s) DOES NOT MEET the requirement of this Subclause
M	The sample(s) MEET the requirement of this Subclause
N/A	Not Applicable
NR	Not Requested
NE	Not Evaluated
NP	None Present
NT	Not Tested
P	Present
R	Refer to Comment Section of this report

Symbol	Language Present	Symbol	Language Present	Symbol	Language Present
B	Belgian language	G	German language	PR	Portuguese language
D	Danish language	GR	Greek language	S	Spanish language
E	English language	H	Dutch language	SD	Swedish language
F	Finnish language	I	Italian language	SZ	Swiss language
FR	French language	N	Norwegian language		

RESULTS:

MECHANICAL & PHYSICAL PROPERTIES
(EN 71: PART 1 – 2014+A1 – 2018)

Subclause	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 & 7.6	Edges	M
4.8 & 7.6	Points and metallic wires	M
4.8e	Splinters	M
4.9	Protruding parts	NA
4.10.1	Folding and sliding mechanisms	NA
4.10.2	Driving mechanisms	NA
4.10.3	Hinges	NA
4.10.4	Springs	NA
4.11	Mouth actuated toys and other toys intended to be put in the mouth	NA
4.12 & 7.3	Balloons	NA
4.13 & 7.9	Cord of toy kites and other flying toys	NA
4.14.1	Toys which a child can enter	NA
4.14.2 & 7.8	Masks and helmets	NA
4.15.1	Toys propelled by child	
4.15.1.2 & 7.10.1 & 7.10.2 & 7.10.3 & 7.10.4 & 7.16	Toys propelled by child – Instructions for use	NA
4.15.1.3	Toys propelled by child – Strength	NA
4.15.1.4	Toys propelled by child – Stability	NA
4.15.1.5	Toys propelled by child – Braking	NA
4.15.1.6	Toys propelled by child - Transmission	NA
4.15.1.7	Toys propelled by child – insertion mark	NA
4.15.1.8	Electrically-driven ride-on toys	NA
4.15.2	Toy bicycles	
4.15.2.2 & 7.15	Toy bicycles – Warnings and instructions for use	NA
4.15.2.3	Toy bicycles – Braking	NA
4.15.3 & 7.16 & 7.19	Rocking horses and similar toys	NA
4.15.4 & 7.16	Toys not propelled by child	NA
4.15.5 & 7.18	Toy scooters	NA

RESULTS:

Subclause	Requirement	Result
4.16	Heavy immobile toys	NA
4.17.2	All projectiles	NA
4.17.3 & 7.7	Projectile toys with stored energy	NA
4.17.4 & 7.26	Certain projectiles toys without stored energy	NA
4.18 & 7.4	Aquatic toys and inflatable toys	NA
4.19 & 7.13 & 7.14	Percussion caps	NA
4.20.2.1- 4.20.2.4, 4.20.2.6-4.20.2.12 & 7.14	Acoustics	NA
*4.20.2.5	Acoustics– Toys using headphones or earphones	NA
4.21	Toys containing a non-electrical heat source	NA
4.22 & 7.2	Small balls	NA
4.23	Magnet	
4.23.2 a, b & c	Toy other than magnetic / electrical experimental sets intended for children over 8 years	NA
4.23.3 & 7.20	Magnetic / electrical experimental sets intended for children over 8 years	NA
4.24	Yo-yo ball	NA
4.25	Toys attached to food	NA
4.26	Toy Disguise Costumes	NA
4.27.1	Flying toys – General	NA
4.27.2 & 7.25.1	Rotors and propellers on flying toys	NA
4.27.3 & 7.25.2	Rotors and propellers on remote controlled flying toys	NA
	FOR TOYS INTENDED FOR CHILDREN UNDER 36 MONTHS	
5.1	General	M
5.1a	Small parts – as received	M
5.1b	Small parts, sharp points, sharp edges – after tests	M
5.1c	Cross section <2mm metal points & wires	NA
5.1e	Toys contain glue	NA
5.1f	Casing of toys	M
5.2	Fillings, coverings and seams	NA
5.3	Adhesion of plastic sheeting	NA
5.4.2	Cords and chains in toys intended for children under 18 months	NA

RESULTS:

Subclause	Requirement	Result
5.4.3 & 7.22	Cords and chains in toys intended for children of 18 months or over but under 36 months	NA
5.4.4	Fixed loops, tangled loops and nooses	NA
5.4.5	Cords and chains on pull along toys	NA
5.4.6 & 7.21	Electrical cables	NA
5.4.7	Cross-sectional dimension of certain cords	NA
5.4.8	Self-retracting cords	NA
5.4.9 & 7.11 & 7.23	Toys attached to or intended to be strung across a cradle, cot or perambulator	NA
5.5 & 7.12	Liquid filled toys	NA
5.6	Electrically driven toys	NA
5.7	Glass and porcelain	NA
5.8	Shape and size	M
5.9 & 7.17	Monofilament fibres	NA
5.10	Small balls	NA
5.11	Play figures	NA
5.12	Hemispheric shaped toys	NA
5.13	Suction cups	NA
5.14	Straps intended to be worn fully or partially around the neck	NA
5.15 & 7.24	Sledges with cords for pulling	NA
6	Packaging	NA
	WARNINGS, INSTRUCTIONS FOR USE	
7.1	General	NA
7.2	Toys not intended for children under 36 months	NA
7.5	Functional toys	NA

2009/48/EC General Labeling Requirement

Requirement	Result
CE Mark	M
Manufacturer/ Importer name and address	M
Product Identification	M

M = Meet NM = Not Meet N/A = Not Applicable R = Refer to Comment Section NT=Not Test

RESULTS:

REQUIREMENTS & TEST METHODS CROSS REFERENCE TABLE FOR PART 1

Sub-clause	Test Method	Sub-clause	Test Method	Sub-clause	Test Method	Sub-clause	Test Method
4.3	8.25.1	4.15.1.5	8.26.1	4.22	8.3, 8.4.2.1, 8.5, 8.6, 8.7, 8.8, 8.32	5.4.5	8.40
4.5	8.5, 8.7, 8.11, 8.12	4.15.1.8	8.29	4.23	8.2, 8.3, 8.4.2.1, 8.4.2.2, 8.5, 8.6, 8.7, 8.8, 8.34, 8.35	5.4.6	8.40
4.6	8.2, 8.3, 8.4.2.1, 8.5, 8.7, 8.8, 8.14	4.15.2.4	8.26.2	4.24	8.37	5.4.7	8.20
4.7	8.11	4.15.3	8.21, 8.23.1	4.25	8.2, 8.3, 8.4.2.1, 8.5, 8.7, 8.8, 8.32.1	5.7.8	8.39
4.8	8.12, 8.13	4.15.4	8.21, 8.23.1	4.26	8.38	5.5	8.15
4.9	8.4.2.3, 8.11, 8.12	4.15.5	8.11, 8.12, 8.21, 8.22, 8.26.3, 8.27	4.27.1	8.43	5.6	8.29
4.10.1	8.18.2, 8.18.3	4.16	8.23.2	4.27.2	8.4.2.6	5.8	8.16
4.10.2	8.5, 8.6, 8.7, 8.11, 8.12	4.17.1	8.3, 8.4.2.1, 8.7, 8.8, 8.42	4.27.3	8.4.2.6	5.10	8.3, 8.4.2.1, 8.5, 8.6, 8.7, 8.8, 8.9, 8.32
4.11	8.2, 8.3, 8.4.2.1, 8.9, 8.17	4.17.2	8.3, 8.4.2.4,8.7, 8.8, 8.32.1, 8.43, 8.44	5.1	8.2, 8.3, 8.4.2.1, 8.5, 8.7, 8.8, 8.9, 8.11, 8.12	5.11	8.33
4.13	8.19	4.17.3	8.3, 8.4.2.3, 8.4.2.5, 8.11, 8.12, 8.24, 8.42	5.3	8.4.2.1, 8.25	5.12	8.3, 8.4.2.1, 8.5, 8.6, 8.7, 8.8, 8.9,
4.14.1	8.31.1, 8.31.2	4.17.4	8.3, 8.4.2.3, 8.4.2.5, 8.11, 8.12, 8.24, 8.42	5.4.1	8.40	5.13	8.3, 8.4.2.1, 8.5, 8.7, 8.8, 8.32
4.14.2	8.3, 8.4.2.1, 8.5, 8.7, 8.8, 8.11, 8.12	4.18	8.2, 8.3, 8.4.2.1	5.4.2	8.38, 8.40, 8.41	5.14	8.38
4.15.1.3	8.11, 8.12, 8.21, 8.22	4.20	8.28	5.4.3	8.38, 8.40, 8.41	6	8.3, 8.4.2.1, 8.25.1, 8.32.1
4.15.1.4	8.23.1	4.21	8.30	5.4.4	8.36, 8.38		

RESULTS:

FLAMMABILITY (EN 71 PART 2: 2020)

Subclause	Requirement	Result
4.1	Cellulose nitrate	NP
4.1	Highly flammable solids	NP
4.1	Surface flash on a piled surface	NA
*4.1	Flammable gases	NA
*4.1	Extremely flammable liquids, highly flammable liquids, flammable liquids and flammable gels	NA
4.2	Toys to be worn on the head	NA
4.3	Toy disguise costumes and toys intended to be worn by child in play	NA
4.3	warning on product and packaging (10 - 30 mm/s)	NA
4.4	Toys intended to be entered by child	NA
4.4	warning on product and packaging (10 – 30 mm/s)	NA
4.5	Soft-filled toys	NA

REQUIREMENTS & TEST METHODS CROSS REFERENCE TABLE FOR PART 2

Sub-clause	Test Method	Sub-clause	Test Method	Sub-clause	Test Method	Sub-clause	Test Method
4.2.2	5.2	4.2.4	5.3	4.3	5.4	4.5	5.5
4.2.3	5.3	4.2.5	5.4	4.4	5.4	-	-

* Note: Subclause indicated with * are not accredited.

M = Meet NM = Not Meet N/A = Not Applicable R = Refer to Comment Section
P = Present NP = Not Present

RESULTS:

Migration of Certain Elements in Category III - Scraped off toy material requirements of the European Standard, "Safety of toys", EN 71-3:2019+A2:2024.

Test Method : European Standard EN 71-3:2019+A2:2024 Section 8.

Class	Category III - Scraped off toy material

Parameter	Unit	Result	Limit
		I001	
Type	-	Cat.III	-
Boron (B)	mg/kg	ND	<15000
Aluminium (Al)	mg/kg	7	<28130
Chromium III (Cr III)	mg/kg	ND	<460
Chromium VI (Cr VI)	mg/kg	ND	<0.053
Manganese-Mn	mg/kg	ND	<15000
Cobalt (Co)	mg/kg	ND	<130
Nickel (Ni)	mg/kg	ND	<930
Copper (Cu)	mg/kg	ND	<7700
Zinc (Zn)	mg/kg	100	<46000
Arsenic (As)	mg/kg	ND	<47
Selenium (Se)	mg/kg	ND	<460
Strontium (Sr)	mg/kg	ND	<56000
Cadmium (Cd)	mg/kg	ND	<17
Tin (Sn)	mg/kg	ND	<180000
Organic tin	mg/kg	ND	<12
Antimony (Sb)	mg/kg	ND	<560
Barium (Ba)	mg/kg	ND	<18750
Mercury (Hg)	mg/kg	ND	<94
Lead (Pb)	mg/kg	ND	<23
Mass of trace amount (g)		-	-
Conclusion		PASS	-

RESULTS:

Note / Key:
mg/kg = milligrams per kilogram (ppm=parts per million)
Organic tin = migration of total organic tin is expressed as tributyltin cation content in mg/kg
# = Verified results (see note)
ND = Not detected
Detection Limit (mg/kg) :
Category III - Al : 2 ; Sb : 2 ; As : 2 ; Ba : 2 ; B : 2 ; Cd : 2 ; Cr III : 0.15 ; Cr VI : 0.025 ; Co : 2 ; Cu : 2 ; Pb : 2 ; Mn : 2 ; Hg : 2 ; Ni : 2 ; Se : 2 ; Sr : 2 ; Sn : 2 ; Organic tin : 2 ; Zn : 2
Remark:
- Results of Cr III and Cr VI were reported as sum of soluble Chromium content unless specified.
- Result(s) of organic tin was (were) calculated while assuming the tin content wholly contributed from tributyltin cation unless specified.
-The pH measured shall be reported after migration if it was outside the range of 1.1 to 1.3.

Note:
If soluble chromium content or soluble tin content exceeded the screening limits of soluble chromium (VI) or organic tin content, the results were verified by below method
- Chromium VI: EN 71-3:2019+A2:2024, Annex F by Ion-chromatography with ICP-MS detector analysis.
- Organic tin: EN 71-3:2019+A2:2024, Annex G by Gas Chromatography-Mass Spectroscopy analysis.

RESULTS:

Formaldehyde(Migration) Content in Polymeric Toy Material (2009/48/EC (and its amendments) Annex II, Appendix C)

Test Method : EN 71: Part 10: 2005 and EN 71: Part 11: 2005

Requirement	1.5 mg/L

Test Item(s)	Result	Unit	Conclusion
I001	ND	mg/L	PASS

Note / Key :
ND = Not detected
Conc. = Concentration
Detection Limit : 0.3 mg/L
">" = Greater than
mg/L = milligram per liter of simulant

RESULTS:

Formamide Content in Foam Toy Materials - European Parliament and Council Directive 2009/48/EC with its Amendments, Annex II, Appendix C

Test Method : Sample was extracted with organic solvent and then analyzed by High Performance Liquid Chromatography with Mass Spectrometry or Gas Chromatograph Mass Spectrometer

Requirement	200 mg/kg

Test Item(s)	Result	Unit	Conclusion
I001	104	mg/kg	PASS

Note / Key:
ND = Not detected
mg/kg = milligram(s) per kilogram = ppm = part(s) per million
Detection Limit (mg/kg) - 20
">" = Greater than
Remark :
- Accessible part(s) and part(s) fully covered by textile, fabric or coating which is (are) not the barrier of accessibility of foam toy material(s) is (are) applicable to be tested.
- Test Item(s) with formamide content in foam toy material(s) exceeding this maximum allowable limit (Cut-off limit) should be considered as data and further tested by formamide emission analysis with emission limit less than or equal to 20 micrograms per cubic meter according to International Standard ISO 16000-6: 2011 or International Standard ISO 16000-9: 2006 with Corrigendum 1: 2007. Test Report by other third party laboratories can also be submitted in proving the compliance of this emission limit if dated within one year.

RESULTS:

Phthalates(BBP/DBP/DEHP/DIBP) Contents in Toys and Childcare Articles – European Regulation (EC) No. 1907/2006 REACH Annex XVII, Item no. 51

Test Method : With referenced to CPSC-CH-C1001-09.3/ CPSC-CH-C1001-09.4,sample was extracted with organic solvent and then analyzed by Gas Chromatograph Mass Spectrometer

Parameter	Unit	Result	Limit
		I001	
BBP	%(w/w)	ND	-
DBP	%(w/w)	ND	-
DEHP	%(w/w)	ND	-
DIBP	%(w/w)	ND	-
Sum	%(w/w)	ND	<0.1
Conclusion	-	PASS	-

Note / key:
BBP = Butyl benzyl phthalate
DEHP = Di(2-ethylhexyl) phthalate
ND = Not detected
10000 mg/kg = 1 %
Detection Limit (%) : Each 0.005

DBP = Dibutyl phthalate
DIBP = Diisobutyl phthalate
% = percent
mg/kg = milligram(s) per kilogram

RESULTS:

Phthalates(DNOP/DINP/DIDP) Contents in Toys and Childcare Articles which can be placed in the Mouth by the Children – European Regulation (EC) No. 1907/2006 REACH Annex XVII, Item no. 52

Test Method : With referenced to CPSC-CH-C1001-09.3/ CPSC-CH-C1001-09.4,sample was extracted with organic solvent and then analyzed by Gas Chromatograph Mass Spectrometer

Parameter	Unit	Result	Limit
		I001	
DIDP	%(w/w)	ND	-
DINP	%(w/w)	ND	-
DNOP	%(w/w)	ND	-
SUM	%(w/w)	ND	<0.1
Conclusion	-	PASS	-

Note / key:
DNOP = Di-n-octyl phthalate
DIDP = Di-iso-decyl phthalate
ND = Not detected
10000 mg/kg = 1 %
Detection Limit (%) : Each 0.005

DINP = Di-iso-nonyl phthalate

% = percent
mg/kg = milligram(s) per kilogram

RESULTS:

Polycyclic Aromatic Hydrocarbons (PAHs) Content – European Regulation (EC) No. 1907/2006 Annex XVII, Entry 50, Paragraph 5 and 6

Test Method : With reference to German AfPS GS 2019:01 PAK

Limit :	**Type I**	**Articles includes amongst others:** **- sport equipment such as bicycles, golf clubs, racquets** **- household utensils, trolleys, walking frames tools for domestic use** **- clothing, footwear, gloves and sportswear** **- watch-straps, wrist-bands, masks, head-bands** **1 mg/kg (Each of all listed PAHs)**
	Type II	**Toys, including activity toys, and childcare articles** **0.5 mg/kg (Each of all listed PAHs)**

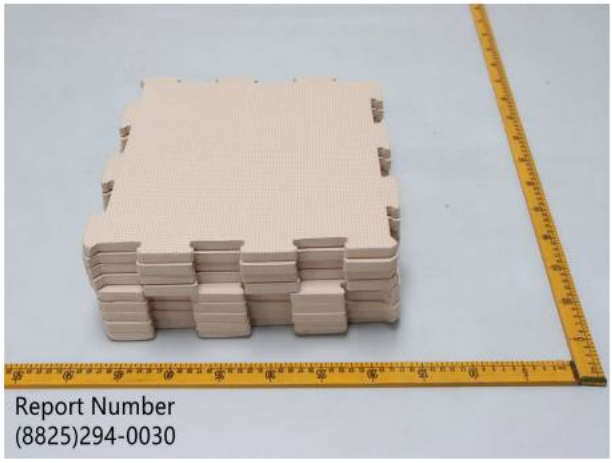
Parameter	**Unit**	**Result**	**Limit**
		I001	
Type	**-**	II	**-**
Benzo (a) pyrene	mg/kg	ND	<0.5
Benzo (e) pyrene	mg/kg	ND	<0.5
Benzo (a) anthracene	mg/kg	ND	<0.5
Benzo (b) fluoranthene	mg/kg	ND	<0.5
Benzo (j) fluoranthene	mg/kg	ND	<0.5
Benzo (k) fluoranthene	mg/kg	ND	<0.5
Chrysene	mg/kg	ND	<0.5
Dibenzo (a,h) anthracene	mg/kg	ND	<0.5
Conclusion	-	PASS	-

Note / key:
ND = Not detected
Detection Limit: 0.2 mg/kg

mg/kg = milligram(s) per kilogram

Photo of the Submitted Sample:





END OF REPORT