

TEST REPORT

Applicant: EVERPLAST SP. Z O.O.
UL. WROCLAWSKA 42K, 62-300 WRZESNIA,
NIP: PL 789-179-54-23

Number: HKGH03345256

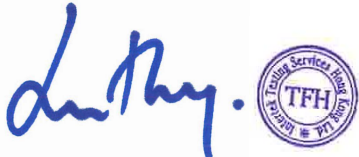
Date: Apr 16, 2026

Attn: LUKASZ NEJMANSKI

Sample and Information provided by customer :
Item Name : **PLASTIC BALLS**
Item No. : **EP6, EP7, EP8**
Labelled Age Group : Not Specified
Packaging Provided : No
Quantity : 3 sets
Buyer : Everplast SP. Z O.O.



For and on behalf of :
Intertek Testing Services HK Ltd.



Dorothy M.Y. Lau
Vice President



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Conclusion:

The submitted sample was tested under the following requirements requested by the applicant, subject to the information stated in the remark and attached page(s) for details :

<u>Requirement</u>	<u>Result</u>
(1) EN 71-1:2014 + A1:2018 - Mechanical and physical properties Excluding Clause 7 Warnings, markings and instruction for use	Pass
(2) EN 71-1:2026 - Mechanical and physical properties Excluding Clause 7 Warnings, markings and instruction for use	Pass
(3) EN 71-2:2020 - Flammability Test	Pass
(4) EN 71-2:2020 +A1 :2025 - Flammability Test	Pass
(5) EN 71-3 : 2019 + A1 : 2021 - Migration of certain elements	Pass
(6) EN 71-3 : 2019 + A2 : 2024 - Migration of certain elements	Pass
(7) REACH Regulation (EC) no. 1907/2006, Annex XVII Items 51 & 52, amendment no. 552/2009 & 2018/2005 - Phthalates content	Pass
(8) REACH Regulation (EC) No. 1907/2006, Annex XVII item 20 & amendment (EU) No. 276/2010 - Organotin content requirement	Pass
(9) REACH Regulation (EC) no. 1907/2006 & amendment (EU) no. 1272/2013 Annex XVII Item 50 - Polycyclic aromatic hydrocarbons content	Pass
(10) Regulation (EC) No. 1907/2006 on REACH Annex XVII as amended by Commission Regulation (EU) No. 835/2012 and Commission Regulation (EU) 2016/217 - Cadmium content requirement	Pass



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<u>Requirement</u>	<u>Result</u>
(11) EU Commission Directive 2017/774 amending Appendix C of Annex II to Directive 2009/48/EC on the safety of toys - Phenol migration content	Pass
(12) EU Commission Directive 2017/898 amending Appendix C of Annex II to Directive 2009/48/EC on the safety of toys - Bisphenol A migration content	Pass
(13) EU Commission Directive 2014/79/EU amending Appendix C of Annex II to Directive 2009/48/EC on the safety of toys - TCEP, TCPP and TDCP content EN 71-16 : 2025	Pass
(14) EU Commission Directive 2019/1929 amending Appendix C of Annex II to Directive 2009/48/EC on the safety of toys - Formaldehyde migration content in polymeric toy material with effect from 21 May 2021	Pass
(15) Regulation (EC) No. 2019/1021 on persistent organic pollutants (POPs) - Short Chain Chlorinated Paraffin (C10 - C13) (SCCP) content	Pass
(16) EN 71-18 : 2024 - Phenol migration content	Pass
(17) EN 71-19 : 2024 - Bisphenol A migration content	Pass

Decision Rule(s):

When a statement of conformity to a specification or standard is provided on test report, the decision rule shall be applied. For details, please refer to Intertek's "Decision Rule Document" and is available on Intertek's website. <https://intertekhk.grd.by/decision-rule-doc>.

If decision rule already inhered in the requested specification or standard, Intertek's "Decision Rule Document" is not applicable and indication of "∞" was shown as above table.



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(1) Mechanical and Physical Test

Test Standard : European Standard on Safety of toys EN 71-1:2014 + A1:2018

Age group for testing : For Ages Over 1 Year

Clause	Testing Items
8.3	Torque test (0.34 Nm)
8.4.2.1	Tension test (90 N)
8.5	Drop test (850 mm x 5)
8.7	Impact test (1 kg)
8.8	Compression test (110 N)

Clause	Requirement	Assessment
4	General requirements	
4.1	Material cleanliness	P
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	P
4.8	Points and Metallic wires	P
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 into mouth	NA
4.12	Balloons	NA
4.13	Cords of toy kites and other flying toys	NA
4.14	Enclosures	NA
4.15	Toys intended to bear the mass of a child	NA
4.16	Heavy immobile toys	NA
4.17	Projectiles	P
4.18	Aquatic toys and inflatable toys	NA
4.19	Percussion caps specifically designed for use in toys and toys using percussion caps	NA
4.20	Acoustics	NA
4.21	Toys containing 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
4.26	Toy Disguise Costumes	NA
4.27	Flying toys	NA
5	Toys intended for children under 36 months	
5.1	General requirements for toys intended for children under 36 months	P
5.2	Soft-filled toys and soft-filled parts of a toy	NA
5.3	Plastic sheeting	NA
5.4	Cords, chains and electrical cables in toys	NA
5.5	Liquid filled toys	NA
5.6	Speed limitation of electrically driven ride-on toys	NA
5.7	Glass and porcelain	NA
5.8	Shape and size of certain toys	NA



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Clause	Requirement	Assessment
5.9	Toys comprising monofilament fibres	NA
5.10	Small balls	P
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	Sledges with cords for pulling (7.24)	NA
6	Packaging	NA
7	Warnings, markings and instructions for use	#1

Abbreviation : P = Pass NA = Not Applicable

Remark(s):

#1 = Clause 7 - As requested by applicant, the labelling requirement was not assessed.

Date sample received : Apr 02, 2026

Test Period : Apr 02, 2026 to Apr 13, 2026



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(2) Mechanical and Physical Test

Test Standard : European Standard on Safety of toys EN 71-1:2026

Age group for testing : For Ages Over 1 Year

The submitted samples were undergone the following abuse tests:	
<u>Clause</u>	<u>Testing Items</u>
8.3	Torque test (0.34 ± 0.05 N.m)
8.4.2.1	Tension test (90 ± 2 N)
8.5	Drop test (850 mm x 5)
8.7	Impact test (1 ± 0.02 kg)
8.8	Compression test (110 ± 5 N)

<u>Clause</u>	<u>Requirement</u>	<u>Assessment</u>
4	General requirements	
4.1	Material cleanliness	P
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	P
4.8	Points and Metallic wires	P
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 into mouth	NA
4.12	Balloons	NA
4.13	Cords of toy kites and other flying toys	NA
4.14	Enclosures	NA
4.15	Toys intended to bear the mass of a child	NA
4.16	Heavy immobile toys	NA
4.17	Projectiles	P
4.18	Aquatic toys and inflatable toys	NA
4.19	Percussion caps specifically designed for use in toys and toys using percussion caps	NA
4.20	Acoustics	NA
4.21	Toys containing 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



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Clause	Requirement	Assessment
4.26	Toy Disguise Costumes	NA
4.27	Flying toys	NA
4.28	Food-imitating toys	NA
5	Toys intended for children under 36 months	
5.1	General requirements for toys intended for children under 36 months	P
5.2	Soft-filled toys and soft-filled parts of a toy	NA
5.3	Plastic sheeting	NA
5.4	Cords, chains and electrical cables in toys	NA
5.5	Liquid filled toys	NA
5.6	Speed limitation of electrically driven ride-on toys	NA
5.7	Glass and porcelain	NA
5.8	Shape and size of certain toys	NA
5.9	Toys comprised of monofilament fibres	NA
5.10	Small balls	P
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	Sledges with cords for pulling (7.20)	NA
6	Packaging	NA
7	Warnings, markings and instructions for use	#1

Abbreviation : P = Pass NA = Not Applicable

Remark(s):

#1 = Clause 7 - As requested by applicant, the labelling requirement was not assessed.

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(3) Flammability Test

Test Standard : European Standard on Safety of Toys EN 71-2:2020

Clause	Requirement	Assessment
4.1	General requirements	P
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

Abbreviation : P = Pass NA = Not Applicable

Date sample received : Apr 02, 2026

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(4) Flammability Test

Test Standard : European Standard on Safety of Toys EN 71-2:2020 +A1 :2025

Clause	Requirement	Assessment
4.1	General requirements	P
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

Abbreviation : P = Pass NA = Not Applicable

Date sample received : Apr 02, 2026

Test Period : Apr 02, 2026 to Apr 13, 2026



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(5) 19 Toxic Element Migration Test

Test Method : EN 71-3 : 2019 + A1 : 2021. Acid extraction method was used and toxic elements content were determined by Inductively Coupled Argon Plasma Spectrometry and Ion Chromatography- Inductively Coupled Plasma-Mass Spectrometry and/or Gas Chromatographic - Mass Spectrometry

Category (III): Scraped-off toy material:

Element	Result (mg/kg)			Limit (mg/kg)
	(1)	(2)	(3)	
Soluble Aluminium (Al)	<300	<300	<300	28130
Soluble Antimony (Sb)	<10	<10	<10	560
Soluble Arsenic (As)	<10	<10	<10	47
Soluble Barium (Ba)	<10	<10	<10	18750
Soluble Boron (B)	<50	<50	<50	15000
Soluble Cadmium (Cd)	<5	<5	<5	17
Soluble Chromium (III) (Cr III)	<10	<10	<10	460
Soluble Chromium (VI) (Cr VI)	<0.025	<0.025	<0.025	0.053
Soluble Cobalt (Co)	<10	<10	<10	130
Soluble Copper (Cu)	<10	<10	<10	7700
Soluble Lead (Pb)	<10	<10	<10	23
Soluble Manganese (Mn)	<10	<10	<10	15000
Soluble Mercury (Hg)	<10	<10	<10	94
Soluble Nickel (Ni)	<10	<10	<10	930
Soluble Selenium (Se)	<10	<10	<10	460
Soluble Strontium (Sr)	<100	<100	<100	56000
Soluble Tin (Sn)	<10	<10	<10	180000
Soluble Organic tin ++	<5.0	<5.0	<5.0	12
Soluble Zinc (Zn)	<100	<100	<100	46000



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Element	Result (mg/kg)		Limit (mg/kg)
	(4)	(5)	
Soluble Aluminium (Al)	<300	<300	28130
Soluble Antimony (Sb)	<10	<10	560
Soluble Arsenic (As)	<10	<10	47
Soluble Barium (Ba)	<10	<10	18750
Soluble Boron (B)	<50	<50	15000
Soluble Cadmium (Cd)	<5	<5	17
Soluble Chromium (III) (Cr III)	<10	<10	460
Soluble Chromium (VI) (Cr VI)	<0.025	<0.025	0.053
Soluble Cobalt (Co)	<10	<10	130
Soluble Copper (Cu)	<10	<10	7700
Soluble Lead (Pb)	<10	<10	23
Soluble Manganese (Mn)	<10	<10	15000
Soluble Mercury (Hg)	<10	<10	94
Soluble Nickel (Ni)	<10	<10	930
Soluble Selenium (Se)	<10	<10	460
Soluble Strontium (Sr)	<100	<100	56000
Soluble Tin (Sn)	<10	<10	180000
Soluble Organic tin ++	<5.0	<5.0	12
Soluble Zinc (Zn)	<100	<100	46000

mg/kg = milligram per kilogram

++ : Unless the test result was marked with "Δ", Organic tin content was not directly determined and was derived from migration result of total tin.

Organic tin test result was expressed as tributyl tin.

Chromium (III) value was calculated as difference between migration results of total Chromium and Chromium (VI) .

Tested Components:

- (1) Red plastic (ball).
- (2) Yellow plastic (ball).
- (3) Green plastic (ball).
- (4) Blue plastic (ball).
- (5) Translucent plastic (ball).

Date sample received : Apr 02, 2026

Test Period : Apr 02, 2026 to Apr 09, 2026



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(6) 19 Toxic Element Migration Test

Test Method : EN 71-3 : 2019 + A2 : 2024. Acid extraction method was used and toxic elements content were determined by Inductively Coupled Argon Plasma Spectrometry and Ion Chromatography- Inductively Coupled Plasma-Mass Spectrometry and/or Gas Chromatographic - Mass Spectrometry

Category (III): Scraped-off toy material:

Element	Result (mg/kg)			Limit (mg/kg)
	(1)	(2)	(3)	
Soluble Aluminium (Al)	<300	<300	<300	28130
Soluble Antimony (Sb)	<10	<10	<10	560
Soluble Arsenic (As)	<10	<10	<10	47
Soluble Barium (Ba)	<10	<10	<10	18750
Soluble Boron (B)	<50	<50	<50	15000
Soluble Cadmium (Cd)	<5	<5	<5	17
Soluble Chromium (III) (Cr III)	<10	<10	<10	460
Soluble Chromium (VI) (Cr VI)	<0.025	<0.025	<0.025	0.053
Soluble Cobalt (Co)	<10	<10	<10	130
Soluble Copper (Cu)	<10	<10	<10	7700
Soluble Lead (Pb)	<10	<10	<10	23
Soluble Manganese (Mn)	<10	<10	<10	15000
Soluble Mercury (Hg)	<10	<10	<10	94
Soluble Nickel (Ni)	<10	<10	<10	930
Soluble Selenium (Se)	<10	<10	<10	460
Soluble Strontium (Sr)	<100	<100	<100	56000
Soluble Tin (Sn)	<10	<10	<10	180000
Soluble Organic tin ++	<5.0	<5.0	<5.0	12
Soluble Zinc (Zn)	<100	<100	<100	46000



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Element	Result (mg/kg)		Limit (mg/kg)
	(4)	(5)	
Soluble Aluminium (Al)	<300	<300	28130
Soluble Antimony (Sb)	<10	<10	560
Soluble Arsenic (As)	<10	<10	47
Soluble Barium (Ba)	<10	<10	18750
Soluble Boron (B)	<50	<50	15000
Soluble Cadmium (Cd)	<5	<5	17
Soluble Chromium (III) (Cr III)	<10	<10	460
Soluble Chromium (VI) (Cr VI)	<0.025	<0.025	0.053
Soluble Cobalt (Co)	<10	<10	130
Soluble Copper (Cu)	<10	<10	7700
Soluble Lead (Pb)	<10	<10	23
Soluble Manganese (Mn)	<10	<10	15000
Soluble Mercury (Hg)	<10	<10	94
Soluble Nickel (Ni)	<10	<10	930
Soluble Selenium (Se)	<10	<10	460
Soluble Strontium (Sr)	<100	<100	56000
Soluble Tin (Sn)	<10	<10	180000
Soluble Organic tin ++	<5.0	<5.0	12
Soluble Zinc (Zn)	<100	<100	46000

mg/kg = milligram per kilogram

++ : Unless the test result was marked with "Δ", Organic tin content was not directly determined and was derived from migration result of total tin.

Organic tin test result was expressed as tributyl tin.

Chromium (III) value was calculated as difference between migration results of total Chromium and Chromium (VI) .

Tested Components:

- (1) Red plastic (ball).
- (2) Yellow plastic (ball).
- (3) Green plastic (ball).
- (4) Blue plastic (ball).
- (5) Translucent plastic (ball).

Date sample received : Apr 02, 2026

Test Period : Apr 02, 2026 to Apr 09, 2026



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(7) Phthalate Content Test

Test Method : ISO 8124-6 : 2023 method A with internal standard calibration, by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Seven Phthalates content:

Compound	Result (% w/w)		Limit (% w/w)
	(1/2/3)	(4/5)	
Dibutyl phthalate (DBP)	<0.0100	<0.0100	--
Diethyl hexyl phthalate (DEHP)	<0.0100	<0.0100	--
Benzyl butyl phthalate (BBP)	<0.0100	<0.0100	--
Diisobutyl phthalate (DIBP)	<0.0100	<0.0100	--
Sum of DBP, DEHP, BBP & DIBP	<0.0100	<0.0100	0.1
Diisononyl phthalate (DINP)	<0.0100	<0.0100	--
Di-n-octyl phthalate (DnOP)	<0.0100	<0.0100	--
Diisodecyl phthalate (DIDP)	<0.0100	<0.0100	--
Sum of DINP, DnOP & DIDP	<0.0100	<0.0100	0.1

The above limit was quoted according to Annex XVII Items 51 & 52 of the REACH Regulation (EC) no. 1907/2006, amendment no. 552/2009 taking into account the (EU) regulation 2018/2005 modifying entry 51 for which the DIBP shall not be placed on the market after 7 July 2020 in toys or childcare articles, individually or in any combination with the first three phthalates which already exist in the entry 51, in a concentration equal to or greater than 0,1 % by weight of the plasticised material.

Tested Components:

- (1) Red plastic (ball).
- (2) Yellow plastic (ball).
- (3) Green plastic (ball).
- (4) Blue plastic (ball).
- (5) Translucent plastic (ball).

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(8) Organotin Content

Test Method : By solvent extraction, followed by Gas Chromatography Mass Spectrometric (GC/MS) analysis.

Compound	Result (% w/w)		Limit (% w/w)
	(1/2/3)	(4/5)	
Tri-substituted Organotin [^]	<0.005	<0.005	0.1
Dibutyltin (DBT)	<0.005	<0.005	0.1
Dioctyltin (DOT)	<0.005	<0.005	0.1

The above limit was quoted according to Annex XVII Item 20 of the REACH Regulation (EC) no. 1907/2006 & amendment (EU) No. 276/2010 for organotin content.

[^] = The reported value was calculated by summation of the values of Tri-butyltin, Tri-phenyltin, Tri-methyltin, Tri-octyltin, Tri-cyclohexyltin

Detection limit = 0.005% (w/w) of tin

Tested Components:

- (1) Red plastic (ball).
- (2) Yellow plastic (ball).
- (3) Green plastic (ball).
- (4) Blue plastic (ball).
- (5) Translucent plastic (ball).

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(9) Polycyclic Aromatic Hydrocarbons (PAH) Content

Test Method : The document AfPS GS 2019:01 PAK issued by the Federal Institute for Occupational Safety and Health, solvent extraction and determined by Gas Chromatographic - Mass Spectrometry (GC/MS).

Compound	Result (ppm)		Limit (ppm)
	(1/2/3)	(4/5)	
Benzo(a)pyrene	<0.10	<0.10	0.5
Benzo(e)pyrene	<0.10	<0.10	0.5
Benzo(a)anthracene	<0.10	<0.10	0.5
Chrysene	<0.10	<0.10	0.5
Benzo(b)fluoranthene	<0.10	<0.10	0.5
Benzo(j)fluoranthene	<0.10	<0.10	0.5
Benzo(k)fluoranthene	<0.10	<0.10	0.5
Dibenzo(a,h)anthracene	<0.10	<0.10	0.5

The above limit was quoted according to Annex XVII Items 50 of the REACH Regulation (EC) no. 1907/2006 & amendment (EU) no. 1272/2013 for polycyclic aromatic hydrocarbons (PAH).

ppm = parts per million = mg/kg

Tested Components:

- (1) Red plastic (ball).
- (2) Yellow plastic (ball).
- (3) Green plastic (ball).
- (4) Blue plastic (ball).
- (5) Translucent plastic (ball).

Date sample received : Apr 02, 2026

Test Period : Apr 02, 2026 to Apr 08, 2026



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(10) Cadmium (Cd) Content

Test Method : In House method TC008.TP. Acid digestion method was used and total Cadmium content was determined by Inductively Coupled Argon Plasma Spectrometry.

Tested Component	Result in %, w/w	Limit in %, w/w
(1/2/3)	ND	0.01
(4/5)	ND	0.01

ND : Not detected (< 0.0005%)

The above limit was quoted according to Regulation (EC) No. 1907/2006 on REACH Annex XVII as amended by Commission Regulation (EU) No. 835/2012 and Commission Regulation (EU) 2016/217

Tested Components:

- (1) Red plastic (ball).
- (2) Yellow plastic (ball).
- (3) Green plastic (ball).
- (4) Blue plastic (ball).
- (5) Translucent plastic (ball).

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(11) Phenol Migration Content

Test Method : EN71 Part 10 and 11 : 2005.

Tested Component	Result in mg/l	Limit in mg/l
(1)	<1	5
(2)	<1	5
(3)	<1	5
(4)	<1	5
(5)	<1	5

The above limit was quoted according to EU Commission Directive 2017/774 amending Appendix C of Annex II to Directive 2009/48/EC of the European Parliament and of the Council on the safety of toys, as regards Phenol with effective date on 4 November 2018.

mg/l = milligram per litre

Tested Components:

- (1) Red plastic (ball).
- (2) Yellow plastic (ball).
- (3) Green plastic (ball).
- (4) Blue plastic (ball).
- (5) Translucent plastic (ball).

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(12) Bisphenol A (BPA) Migration Content

Test Method : EN71 Part 10 and 11 : 2005.

Tested Component	Result in mg/l	Limit in mg/l
(1)	<0.01	0.04
(2)	<0.01	0.04
(3)	<0.01	0.04
(4)	<0.01	0.04
(5)	<0.01	0.04

The above limit was quoted according to EU Commission Directive 2017/898 amending Appendix C of Annex II to Directive 2009/48/EC of the European Parliament and of the Council on the safety of toys, as regards Bisphenol A.

Tested Components:

- (1) Red plastic (ball).
- (2) Yellow plastic (ball).
- (3) Green plastic (ball).
- (4) Blue plastic (ball).
- (5) Translucent plastic (ball).

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(13) Flame retardants (TCEP, TCPP, TDCP) Content

Test Method : EN 71-16 : 2025.

Compound	Result (mg/kg)		Limit (mg/kg)
	(1/2/3)	(4/5)	
Tris(2-chloroethyl) phosphate (TCEP)	<1	<1	5
Tris(1-chloro-2-propyl) phosphate (TCPP)	<1	<1	5
Tris(2-chloro-1-(chloromethyl)ethyl) phosphate (TDCP)	<1	<1	5

The above limit was quoted according to EU Commission Directive 2014/79/EU amending Appendix C of Annex II to Directive 2009/48/EC of the European Parliament and of the Council on the safety of toys, as regards TCEP, TCPP and TDCP and EN 71-16 : 2025 clause 4 table 1.

mg/kg = milligram per kilogram

Tested Components:

- (1) Red plastic (ball).
- (2) Yellow plastic (ball).
- (3) Green plastic (ball).
- (4) Blue plastic (ball).
- (5) Translucent plastic (ball).

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(14) Formaldehyde Migration Content

Test Method : EN71 Part 10 and 11 : 2005.

Tested Component	Result in mg/l	Limit mg/l
(1)	<0.5	1.5
(2)	<0.5	1.5
(3)	<0.5	1.5
(4)	<0.5	1.5
(5)	<0.5	1.5

The above limit was quoted according to EU Commission Directive 2019/1929 amending Appendix C of Annex II to Directive 2009/48/EC of the European Parliament and of the Council on the safety of toys, as regards Formaldehyde.

mg/l = milligram per litre

Tested Components:

- (1) Red plastic (ball).
- (2) Yellow plastic (ball).
- (3) Green plastic (ball).
- (4) Blue plastic (ball).
- (5) Translucent plastic (ball).

Date sample received : Apr 02, 2026

Test Period : Apr 02, 2026 to Apr 15, 2026



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TEST REPORT

Number : HKGH03345256

(15) Short Chain Chlorinated Paraffin (C10 - C13) (SCCP) Content

Test Method : Solvent extraction and followed by Gas Chromatographic - Negative Chemical Ionization - Mass Spectrometry (GC-NCI-MS) Analysis.

Tested Component	Result in %, w/w
(1/2/3)	<0.01
(4/5)	<0.01

The above limit was quoted according to the EU Regulation (EU) 2019/1021 on persistent organic pollutants (POPs), Annex I, Part A on Short Chain Chlorinated Paraffins (C10 - C13) (SCCP) content.

Requirement: 0.15% (w/w)

Detection limit = 0.01% (w/w)

Tested Components:

- (1) Red plastic (ball).
- (2) Yellow plastic (ball).
- (3) Green plastic (ball).
- (4) Blue plastic (ball).
- (5) Translucent plastic (ball).

Date sample received : Apr 02, 2026

Test Period : Apr 02, 2026 to Apr 15, 2026



TEST REPORT

Number : HKGH03345256

(16) Phenol Migration Content

Test Method : EN 71-18 : 2024

Tested Component	Result in mg/l	Limit in mg/l
(1)	<1	5
(2)	<1	5
(3)	<1	5
(4)	<1	5
(5)	<1	5

The above migration limit was quoted according to standard method EN 71-18 : 2024 clause 4.

mg/l = milligram per litre

Tested Components:

- (1) Red plastic (ball).
- (2) Yellow plastic (ball).
- (3) Green plastic (ball).
- (4) Blue plastic (ball).
- (5) Translucent plastic (ball).

Date sample received : Apr 02, 2026
Test Period : Apr 02, 2026 to Apr 15, 2026



TEST REPORT

Number : HKGH03345256

(17) Bisphenol A (BPA) Migration Content

Test Method : EN 71-19 : 2024.

Tested Component	Result in mg/l	Limit in mg/l
(1)	<0.01	0.04
(2)	<0.01	0.04
(3)	<0.01	0.04
(4)	<0.01	0.04
(5)	<0.01	0.04

The above migration limit was quoted according to standard method EN 71-19 : 2024 clause 4.

Tested Components:

- (1) Red plastic (ball).
- (2) Yellow plastic (ball).
- (3) Green plastic (ball).
- (4) Blue plastic (ball).
- (5) Translucent plastic (ball).

Date sample received : Apr 02, 2026

Test Period : Apr 02, 2026 to Apr 15, 2026

End of report

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