TEST REPORT

Applicant: PARKLON YANGJU BRANCH CO., LTD
28 HWAHAP-PO 788BEON-GIL
EUNHYEON-MYEON
YANGJU-SI, GYEONGGI-DO, 11426
REPUBLIC OF KOREA

Attn: WENDY NOH

Number: HKGH02601719 S3

Date: Jun 29, 2020

This is to supersede Report No. HKGH02601719 S2 dated Jun 29, 2020 due to information update

Submitted sample said to be	:	
Item Name	:	**PE MAT**
Quantity	:	8 pieces
Labelled Age Group	:	"Not Specified"
Packaging Provided	:	No
Country of Origin	:	Republic of Korea
Date sample received	:	Jun 09, 2020
Test Period	:	Jun 09, 2020 to Jun 26, 2020

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

Cindy I.K. Chan
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 :

	Requirement	Result
(1)	EN71-1: 2014 + A1: 2018 - Mechanical and Physical Properties	Pass
(2)	EN71-2 : 2011 + A1 : 2014 - Flammability Test	Pass
(3)	EN71-3 : 2013 + A3:2018 - Migration of certain elements	Pass
(4)	EN 71-3:2019 - Migration of certain elements	Pass
(5)	Directive (EU) 2019/1922 amending 2009/48/EC effective from 20 May 2021 - Soluble Aluminium (Al) Content	Pass
(6)	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	Pass
(7)	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
(8)	Commission Directive (EU) 2015/2115 amending Appendix C of Annex II to Directive 2009/48/EC on the safety of toys with effect from 24 May 2017 - Formamide Content	Pass
(9)	EU Commision Directive 2017/774 amending Appendix C of Annex II to Directive 2009/48/EC on the safety of toys - Phenol migration content	Pass
(10)	REACH Regulation (EC) no. 1907/2006, Annex XVII Item 43 & amendment no. 552/2009 and 126/2013 - Azocolourants content requirement	Pass

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Requirement	Result
(11) REACH Regulation (EC) No.1907/2006 , Annex XVII Item 23 & amendment No. 2016/217 - Cadmium content requirement	Pass
(12) REACH Regulation (EC) no. 1907/2006 & amendment (EU) no. 1272/2013 Annex XVII Item 50 - Polycyclic aromatic hydrocarbons content	Pass
(13) REACH Regulation (EC) no. 1907/2006, Annex XVII Items 51 & 52 & amendment no. 552/2009 - Phthalates content	Pass
(14) REACH Regulation (EC) no. 1907/2006, Annex XVII Items 51 & 52, amendment no. 552/2009 & 2018/2005 (Placed on the market after 7 July 2020) - Phthalates content	Pass
(15) Regulation (EC) No. 2019/1021 on persistent organic pollutants (POPs) - Short Chain Chlorinated Paraffin (C10 - C13) (SCCP) content	Pass
(16) REACH Regulation (EC) No. 1907/2006, Annex XVII item 20 & amendment (EU) No. 276/2010 - Organotin content requirement	Pass
(17) REACH Regulation (EC) no. 1907/2006, Annex XVII Item 61 & Amendment No. 412/2012 - Dimethylfumarate content requirement	Pass
(18) REACH Regulation (EC) no. 1907/2006 & amendment (EU) no. 2016/26 Annex XVII Item 46a with effect from 3 February 2021 - Nonylphenol ethoxylates (NPE) content	Pass
(19) Regulation (EU) No. 2019/1021 on persistent organic pollutants (POPs) -Pentachlorophenol (PCP) content	Pass

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(1) Physical and Mechanical Tests

Test Standard : European Standard on Safety of Toys EN71-1:2014 + A1: 2018

Age group for testing : For Ages Over 3 Years

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	P
4.16	Heavy immobile toys	NA
4.17	Projectiles	NA
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	NA
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 comprising 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
6	Packaging	NA
7	Warnings, markings and instructions for use	#1

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Abbreviation : P = Pass NA = Not Applicable

Remark(s):
#1 = Clause 7 - The item examined is not a toy. Therefore, the warning and other requirements as specified in this clause do not apply.

Comment: The scope of the standard was not applicable to the submitted samples. Testing was conducted with reference to the test method and requirements as stated.

Date sample received : Jun 09, 2020
Test Period : Jun 09, 2020 to Jun 15, 2020

(2) Flammability Test

Test Standard : European Standard on Safety of Toys EN71-2 : 2011 + A1 : 2014

Clause	Requirement	Assessment
4.1	General	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

Comment: The scope of the standard was not applicable to the submitted samples. Testing was conducted with reference to the test method and requirements as stated.

Date sample received : Jun 09, 2020
Test Period : Jun 09, 2020 to Jun 15, 2020

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(3) 19 Toxic Element Migration Test

Test Method : EN71-3:2013+A3:2018. Acid extraction method was used and toxic elements content were determined by Inductively Coupled Argon Plasma Spectrometry and/or Ion Chromatography- Inductively Coupled Plasma-Mass Spectrometry and/or Gas Chromatographic - Mass Spectrometry

Category (III): Scraped-off toy material:

	Result (mg/kg)			Limit
	(1)	(2)	(3)	(mg/kg)
Soluble Aluminium (Al)	<300	<300	<300	70000
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	0.2
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)	<4	<4	<4	180000
Soluble Organic tin ++	<2.0	<2.0	<2.0	12
Soluble Zinc (Zn)	<100	<100	<100	46000

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	Result (mg/kg)	Limit
	(4)	(mg/kg)
Soluble Aluminium (Al)	<300	70000
Soluble Antimony (Sb)	<10	560
Soluble Arsenic (As)	<10	47
Soluble Barium (Ba)	<10	18750
Soluble Boron (B)	<50	15000
Soluble Cadmium (Cd)	<5	17
Soluble Chromium (III) (Cr III) ++	<10	460
Soluble Chromium (VI) (Cr VI) ++	<0.025	0.2
Soluble Cobalt (Co)	<10	130
Soluble Copper (Cu)	<10	7700
Soluble Lead (Pb)	<10	23
Soluble Manganese (Mn)	<10	15000
Soluble Mercury (Hg)	<10	94
Soluble Nickel (Ni)	<10	930
Soluble Selenium (Se)	<10	460
Soluble Strontium (Sr)	<100	56000
Soluble Tin (Sn)	<4	180000
Soluble Organic tin ++	<2.0	12
Soluble Zinc (Zn)	<100	46000

mg/kg = milligram per kilogram

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++ : Unless the test results were marked with "^" or "Δ", Chromium (III) & Chromium (VI) and Organic tin contents were not directly determined and were derived from migration results of total chromium and tin respectively.

Organic tin test result was expressed as tributyl tin.

The new chromium (VI) migration limit (0.053 mg/kg) for Category (III) was quoted from directive (EU) Directive 2018/725 amending 2009/48/EC effective from 18 November 2019.

Tested Components:

(1) Transparent plastic sheet with printings and foam backing (mat).
(2) Transparent plastic sheet with deep grey printings and foam backing (back of mat).
(3) Grey/ black synthetic leather (logo of mat).
(4) Brown fabric (edge of mat).

Date sample received : Jun 09, 2020
Test Period : Jun 09, 2020 to Jun 12, 2020

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(4) 19 Toxic Element Migration Test

Test Method : EN 71-3:2019. 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:

	Result (mg/kg)			Limit
	(1)	(2)	(3)	(mg/kg)
Soluble Aluminium (Al)	<300	<300	<300	70000
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 ++	<2.0	<2.0	<2.0	12
Soluble Zinc (Zn)	<100	<100	<100	46000

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	Result (mg/kg)	Limit
	(4)	(mg/kg)
Soluble Aluminium (Al)	<300	70000
Soluble Antimony (Sb)	<10	560
Soluble Arsenic (As)	<10	47
Soluble Barium (Ba)	<10	18750
Soluble Boron (B)	<50	15000
Soluble Cadmium (Cd)	<5	17
Soluble Chromium (III) (Cr III)	<10	460
Soluble Chromium (VI) (Cr VI)	<0.025	0.053
Soluble Cobalt (Co)	<10	130
Soluble Copper (Cu)	<10	7700
Soluble Lead (Pb)	<10	23
Soluble Manganese (Mn)	<10	15000
Soluble Mercury (Hg)	<10	94
Soluble Nickel (Ni)	<10	930
Soluble Selenium (Se)	<10	460
Soluble Strontium (Sr)	<100	56000
Soluble Tin (Sn)	<10	180000
Soluble Organic tin ++	<2.0	12
Soluble Zinc (Zn)	<100	46000

mg/kg = milligram per kilogram

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++ : 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) .

The new aluminium migration limit [2250mg/kg for Category (I), 560mg/kg for category (II) and 28130mg/kg for Category (III)] was quoted from directive (EU) 2019/1922 amending 2009/48/EC effective from 20 May 2021.

Tested Components:

(1) Transparent plastic sheet with printings and foam backing (mat).
(2) Transparent plastic sheet with deep grey printings and foam backing (back of mat).
(3) Grey/ black synthetic leather (logo of mat).
(4) Brown fabric (edge of mat).

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(5) Soluble Aluminium Content

Test Method : Acid extraction method was used and toxic elements content were determined by Inductively Coupled Argon Plasma Spectrometry.

Category (III): Scraped-off toy material:

	Result (mg/kg)			Limit
	(1)	(2)	(3)	(mg/kg)
Soluble Aluminium (Al)	<300	<300	<300	28130

	Result (mg/kg)	Limit
	(4)	(mg/kg)
Soluble Aluminium (Al)	<300	28130

mg/kg = milligram per kilogram

Tested Components:

(1) Transparent plastic sheet with printings and foam backing (mat).
(2) Transparent plastic sheet with deep grey printings and foam backing (back of mat).
(3) Grey/ black synthetic leather (logo of mat).
(4) Brown fabric (edge of mat).

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

Test Method : By solvent extraction and determined by Gas Chromatographic-Mass Spectrometry (GC-MS).

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

mg/kg = milligram per kilogram

Tested Components:

(1) Transparent plastic sheet with printings and foam backing (mat).
(2) Transparent plastic sheet with deep grey printings and foam backing (back of mat).
(3) Grey/ black synthetic leather (logo of mat).
(4) Brown fabric (edge of mat).

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(7) Bisphenol A (BPA) Migration Content

Test Standard : 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

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 with effective date on 26 Novemeber 2018.

mg/l = milligram per litre

Tested Components:

(1) Transparent plastic sheet with printings and foam backing (mat).
(2) Transparent plastic sheet with deep grey printings and foam backing (back of mat).
(3) Grey/ black synthetic leather (logo of mat).

Date sample received : Jun 09, 2020
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(8) Formamide Content

Test Method : By solvent extraction, followed by Gas Chromatographic – Mass Spectrometric (GC-MS) analysis

Tested Component	Result in ppm	Limit in ppm
(1)	80	200
(2)	160	200

The above limit was quoted according to the cut-off limit based on content of Commission Directive (EU) 2015/2115 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 formamide.

ppm = parts per million = mg/kg

Tested Components:

(1) Transparent plastic sheet with printings and foam backing (mat).
(2) Transparent plastic sheet with deep grey printings and foam backing (back of mat).

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(9) Phenol Migration Content

Test Standard : 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

The above limit was quoted according to EU Commision 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) Transparent plastic sheet with printings and foam backing (mat).
(2) Transparent plastic sheet with deep grey printings and foam backing (back of mat).
(3) Grey/ black synthetic leather (logo of mat).

Date sample received : Jun 09, 2020
Test Period : Jun 09, 2020 to Jun 17, 2020

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(10) Detection Of Amines Derived From Azocolourants and Azodyes

Test Method : By extraction on cut sample according to the below listed test method(s), followed by Gas Chromatographic - Mass Spectrometric (GC-MS) analysis and confirmed by High-Performance Liquid Chromatography / Diode Array Detector (HPLC/DAD) analysis.

EN 14362-1 : 2012 for Textile Material

No.	Forbidden Amine	CAS No.	Result (ppm)		Limit (ppm)
			(1)	(2)	
1	4-Aminodiphenyl	92-67-1	N	N	30
2	Benzidine	92-87-5	N	N	30
3	4-Chloro-o-toluidine	95-69-2	N	N	30
4	2-Naphthylamine	91-59-8	N	N	30
5	o-Aminoazotoluene	97-56-3	N	N	30
6	2-Amino-4-nitrotoluene	99-55-8	N	N	30
7	p-Chloroaniline	106-47-8	N	N	30
8	2,4-Diaminoanisole	615-05-4	N	N	30
9	4,4'-Diaminodiphenylmethane	101-77-9	N	N	30
10	3,3'-Dichlorobenzidine	91-94-1	N	N	30
11	3,3'-Dimethoxybenzidine	119-90-4	N	N	30
12	3,3'-Dimethylbenzidine	119-93-7	N	N	30
13	3,3'-Dimethyl-4,4'diaminodiphenylmethane	838-88-0	N	N	30
14	p-Cresidine	120-71-8	N	N	30
15	4,4'-Methylene-bis(2-chloroaniline)	101-14-4	N	N	30
16	4,4'-Oxydianiline	101-80-4	N	N	30
17	4,4'-Thiodianiline	139-65-1	N	N	30
18	o-Toluidine	95-53-4	N	N	30
19	2,4-Toluylenediamine	95-80-7	N	N	30
20	2,4,5-Trimethylaniline	137-17-7	N	N	30
21	o-Anisidine	90-04-0	N	N	30
22	p-Aminoazobenzene	60-09-3	N	N	30

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N = Not detected
Detection limit = 5 ppm
Requirement = 30 ppm (max.)

- High Performance Liquid Chromatographic (HPLC) analysis was used to confirm any detected amines.

- The test component wtih p-aminoazobenzene less than detection limit was tested by EN14362-1: 2012 for textile material / ISO 17234-1:2010 for leather material.

ppm = parts per million = mg/kg

In the case of levels per amine component ≤ 30 ppm:

According to the analysis as carried out, azo colorants which can release one or more of certain listed amines by cleavage of their azo group/s were not detected. The tested sample/component was in compliance with REACH Regulation on azocolourants.

In the case of levels per amine component > 30 ppm:

The analytical result suggests that the commodity submitted has been manufactured or treated using azo colorant/s which can release one or more of certain listed amines by cleavage oftheir azo group/s. The tested sample/component was failure to comply with REACH Regulation on azocolourants.

Tested Components:

(1) Grey/ black synthetic leather (logo of mat).
(2) Brown fabric (edge of mat).

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(11) Cadmium (Cd) Content

Test Method : 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)	ND	0.01
(2)	ND	0.01
(3)	ND	0.01
(4)	ND	0.01

ND : Not detected (< 0.0005%)

Tested Components:

(1) Transparent plastic sheet with printings and foam backing (mat).
(2) Transparent plastic sheet with deep grey printings and foam backing (back of mat).
(3) Grey/ black synthetic leather (logo of mat).
(4) White/ beige foam (mat) (interanl).

Date sample received : Jun 09, 2020
Test Period : Jun 09, 2020 to Jun 12, 2020

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(12) Polycyclic Aromatic Hydrocarbons (PAH) Content

Test Method : Solvent extraction and determined by Gas Chromatographic - Mass Spectrometry (GC/MS).

Compound	Result (ppm)			Limit
	(1)	(2)	(3)	(ppm)
Benzo(a)pyrene	<0.20	<0.20	<0.20	0.5
Benzo(e)pyrene	<0.20	<0.20	<0.20	0.5
Benzo(a)anthracene	<0.20	<0.20	<0.20	0.5
Chrysene	<0.20	<0.20	<0.20	0.5
Benzo(b)fluoranthene	<0.20	<0.20	<0.20	0.5
Benzo(j)fluoranthene	<0.20	<0.20	<0.20	0.5
Benzo(k)fluoranthene	<0.20	<0.20	<0.20	0.5
Dibenzo(a,h)anthracene	<0.20	<0.20	<0.20	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) Transparent plastic sheet with printings and foam backing (mat).
(2) Transparent plastic sheet with deep grey printings and foam backing (back of mat).
(3) Grey/ black synthetic leather (logo of mat).

Date sample received : Jun 09, 2020
Test Period : Jun 09, 2020 to Jun 15, 2020

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TEST REPORT

Number : HKGH02601719 S3

(13) Phthalate Content Test

Test Method : EN14372, by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Six Phthalate content:

Compound	Result (%, w/w)		Limit (%, w/w)
	(1/2)	(3)	
Dibutyl phthalate (DBP)	<0.01	<0.01	--
Diethyl hexyl phthalate (DEHP)	<0.01	<0.01	--
Benzyl butyl phthalate (BBP)	<0.01	<0.01	--
Sum of DBP,DEHP & BBP	<0.01	<0.01	0.1
Diisononyl phthalate (DINP)	<0.01	<0.01	--
Di-n-octyl phthalate (DnOP)	<0.01	<0.01	--
Diisodecyl phthalate (DIDP)	<0.01	<0.01	--
Sum of DINP,DnOP & DIDP	<0.01	<0.01	0.1

Three Phthalate content :

Compound	Result (%, w/w)	Limit (%, w/w)
	(4)	
Dibutyl phthalate (DBP)	<0.01	--
Diethyl hexyl phthalate (DEHP)	<0.01	--
Benzyl butyl phthalate (BBP)	<0.01	--
Sum of DBP,DEHP & BBP	<0.01	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 for phthalate content in toys and childcare articles.

Tested Components:

(1) Transparent plastic sheet with printings and foam backing (mat).
(2) Transparent plastic sheet with deep grey printings and foam backing (back of mat).
(3) Grey/ black synthetic leather (logo of mat).
(4) White/ beige foam (mat) (interanl).

Date sample received : Jun 09, 2020
Test Period : Jun 09, 2020 to Jun 16, 2020

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TEST REPORT

Number : HKGH02601719 S3

(14) Phthalate Content Test

Test Method : ISO 8124-6 : 2018 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)	
Dibutyl phthalate (DBP)	<0.01	<0.01	--
Diethyl hexyl phthalate (DEHP)	<0.01	<0.01	--
Benzyl butyl phthalate (BBP)	<0.01	<0.01	--
Diisobutyl phthalate (DIBP)	<0.01	<0.01	--
Sum of DBP, DEHP, BBP & DIBP	<0.01	<0.01	0.1
Diisononyl phthalate (DINP)	<0.01	<0.01	--
Di-n-octyl phthalate (DnOP)	<0.01	<0.01	--
Diisodecyl phthalate (DIDP)	<0.01	<0.01	--
Sum of DINP, DnOP & DIDP	<0.01	<0.01	0.1

Four Phthalates content:

Compound	Result (%, w/w)	Limit (%, w/w)
	(4)	
Dibutyl phthalate (DBP)	<0.01	--
Diethyl hexyl phthalate (DEHP)	<0.01	--
Benzyl butyl phthalate (BBP)	<0.01	--
Diisobutyl phthalate (DIBP)	<0.01	--
Sum of DBP, DEHP, BBP & DIBP	<0.01	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) Transparent plastic sheet with printings and foam backing (mat).
(2) Transparent plastic sheet with deep grey printings and foam backing (back of mat).
(3) Grey/ black synthetic leather (logo of mat).
(4) White/ beige foam (mat) (interanl).

Date sample received : Jun 09, 2020
Test Period : Jun 09, 2020 to Jun 16, 2020

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TEST REPORT

Number : HKGH02601719 S3

(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)	<0.01
(3)	<0.01

Requirement: 0.15% (w/w)

Detection limit = 0.01% (w/w)

Tested Components:

(1) Transparent plastic sheet with printings and foam backing (mat).
(2) Transparent plastic sheet with deep grey printings and foam backing (back of mat).
(3) Grey/ black synthetic leather (logo of mat).

Date sample received : Jun 09, 2020
Test Period : Jun 09, 2020 to Jun 17, 2020

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TEST REPORT

Number : HKGH02601719 S3

(16) 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)	
Tri-substituted Organotin^	<0.005	<0.005	<0.005	0.1
Dibutyltin (DBT)	<0.005	<0.005	<0.005	0.1
Dioctyltin (DOT)	<0.005	<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 (formerly known as Decision 2009/425/EC) 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) Transparent plastic sheet with printings and foam backing (mat).
(2) Transparent plastic sheet with deep grey printings and foam backing (back of mat).
(3) Grey/ black synthetic leather (logo of mat).
(4) Brown fabric (edge of mat).

Date sample received : Jun 09, 2020
Test Period : Jun 09, 2020 to Jun 17, 2020

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(17) Dimethylfumarate Content

Test Method : ISO/TS 16186:2012 with Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Tested Component	Result in ppm	Limit in ppm
(1)	<0.05	0.1
(2)	<0.05	0.1

Detection Limit = 0.05ppm

ppm = parts per million = mg/kg

Tested Components:

(1) Grey/ black synthetic leather (logo of mat).
(2) Brown fabric (edge of mat).

Date sample received : Jun 09, 2020
Test Period : Jun 09, 2020 to Jun 17, 2020

(18) Nonylphenol Ethoxylates (NPE) Content

Test Method : Solvent extraction and followed by Liquid Chromatographic - Mass Spectrometric (LC-MS) analysis.

Chemical	Result (%, w/w)		Limit (%, w/w)
	(1)	(2)	
Nonylphenol Ethoxylates (NPEO)	<0.001	<0.001	0.01

Tested Components:

(1) Grey/ black synthetic leather (logo of mat).
(2) Brown fabric (edge of mat).

Date sample received : Jun 09, 2020
Test Period : Jun 09, 2020 to Jun 16, 2020

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TEST REPORT

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(19) Pentachlorophenol (PCP) Content

Test Standard : EN ISO 17070: 2015

Tested Component	Result in ppm	Limit in ppm
(1)	ND	ND
(2)	ND	ND

ND = Not detected

Detection limit = 5 ppm

ppm = parts per million = mg/kg

Tested Components:

(1) Grey/ black synthetic leather (logo of mat).
(2) Brown fabric (edge of mat).

Date sample received : Jun 09, 2020
Test Period : Jun 09, 2020 to Jun 17, 2020

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TEST REPORT

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End of report

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To:	PARKLON YANGJU BRANCH CO., LTD	Ref:	FC-2021-0119
Attention:	WENDY NOH	Date:	Jan 08, 2021

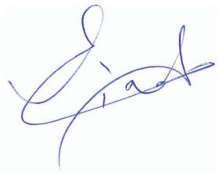
Re : Report Revision Notification

Intertek Testing Services Report Number HKGH02601719 S2 Dated Dec 23, 2020

Please be informed that all the content recorded in the above captioned report will be void. This captioned report is now superseded by a revised Intertek Testing Services report, HKGH02601719 S3.

Thank you for your attention.

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



Cindy I.K. Chan
Vice President