

**TEST REPORT**

Job No./Report No TR1156556

Date:21 July 2017

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**EKONOMİ BAKANLIĞI MARMARA BÖLGE MÜDÜRLÜĞÜ**ÇOBANÇEŞME MEVKİİ SANAYİ CAD DİŞ TİCARET KOMPLEKSİ D BLOK K:1 YENİBOSNA BAĞÇELİEVLER  
İSTANBUL

TEL: 4540820

FAX: 04540822

**To the attention of Hasan Uzun**

The following sample(s) was (were) submitted and identified by/on behalf of the client as:

Sample No.	Sample Description
A	Melodica BP991-22
B	Melodica BP991-25
C	Melodica BP991-35
D	Melodica BP991-45

Client's reference No. : TR 1156556  
 Buyer : Ekonomi Bakanlığı Hardline  
 Order No. : 36422585-331.01.01-E.22267  
 Model/Style No. : A: BP991-22, B: BP991-25, C: BP991-35, D: BP991-45  
 Application No. : A23040973  
 Article No. : 876  
 Country of Origin : CHINA  
 Country of Destination : CHINA  
 Supplier : Bilgi Dağıtım Kitap Kırtasiye ve Büro Mlz. Ltd. Şti.  
 Brand Name : BIGPOINT  
 Shipment Date : Not Provided  
 Fiber Composition : Not Provided  
 Agency : Not Provided  
 Sample Receiving Date : 17 July 2017  
 Resubmit Date : Not Provided  
 Test Performing Period : 17 July 2017~ 21 July 2017  
**Overall Conclusion** : **See Results**  
 Test Results : Please refer to the next page(s).

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Test Parameters	Result					
<u>Chemical tests</u>	<u>A1</u>	<u>A1 + A5 + A6</u>	<u>B3</u>	<u>B4</u>	<u>B5</u>	<u>B6</u>
Migration of Certain Elements - Category III - Chromium VI Confirmation	M	-	M	-	-	-
Phthalates	-	M	-	-	-	-
Migration of Certain Elements - Category III	M	-	M	M	M	M

Test Parameters	Result					
<u>Chemical tests</u>	<u>B7</u>	<u>C1</u>	<u>C1 + C5 + C6</u>	<u>C2</u>	<u>C3</u>	<u>C4</u>
Migration of Certain Elements - Category III - Chromium VI Confirmation	M	-	-	-	-	-
Phthalates	-	-	M	-	-	-
Migration of Certain Elements - Category III	M	M	-	M	M	M

Test Parameters	Result					
<u>Chemical tests</u>	<u>C5</u>	<u>A2</u>	<u>C6</u>	<u>C7</u>	<u>C7 + D7</u>	<u>D1</u>
Migration of Certain Elements - Category III - Chromium VI Confirmation	-	M	-	M	-	-
Phthalates	-	-	-	-	M	-
Migration of Certain Elements - Category III	M	M	M	M	-	M

Test Parameters	Result					
<u>Chemical tests</u>	<u>D1 + D5 + D6</u>	<u>D2</u>	<u>D3</u>	<u>D4</u>	<u>D5</u>	<u>D6</u>
Migration of Certain Elements - Category III - Chromium VI Confirmation	-	-	-	M	-	-
Phthalates	M	-	-	-	-	-
Migration of Certain Elements - Category III	-	M	M	M	M	M

Test Parameters	Result					
<u>Chemical tests</u>	<u>D7</u>	<u>A3</u>	<u>A4</u>	<u>A5</u>	<u>A6</u>	<u>A7</u>
Migration of Certain Elements - Category III - Chromium VI Confirmation	-	M	M	M	M	M
Migration of Certain Elements - Category III	M	M	M	M	M	M

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Test Parameters	Result			
Chemical tests	A7 + B7	B1	B1 + B5 + B6	B2
Phthalates	M	-	M	-
Migration of Certain Elements - Category III	-	M	-	M

Test Parameters	Result			
Physical tests	A	B	C	D
Safety of Toys - Mechanical and Physical Properties	*	*	*	*
Safety of Toys - Flammability	*	*	*	*

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Remarks	:	M = Meets client's requirement
		F = Below client's requirement
		I = Inconclusive
		* = No specified requirement
		# = For 2-composite mix with results exceeding one half of the relevant requirements or 3-composite mix with results exceeding one third of the relevant requirements, the composite sample may have the possibility of one or more components that can lead to a failure result, therefore, it is recommended to test on individual basis.
Notes:	Conclusions on meet/fail are based on the test result from the actual sampling of the received sample(s).	
	The composite sampling method is based on the client's special request and is a modification from the testing standard.	
	Residual sample can be returned to client if requested.	

The test results relate to the tested items only.  
 Test reports without SGS seal and authorized signatures are invalid.  
 Reported results do not include uncertainties.

Issued in Istanbul  
 Signed for and on behalf of  
 SGS Supervise Gözetme Etüd Kontrol Servisleri A.Ş.

Selen Harman  
 Customer Services Team Leader

Yağız Barın  
 Section Manager




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**Component List / List of Materials for Chemical Test**

Sample No.	Sample Description	Material No.	Component	Material	Colour	
A	Melodica BP991-22	A1	Main	Plastic	Pink	
A	Melodica BP991-22	A2	Button	Plastic	White	
A	Melodica BP991-22	A3	Button	Plastic	Purple	
A	Melodica BP991-22	A4	Print on button	Plastic	Gold	
A	Melodica BP991-22	A5	Printed button	Plastic	White-gold	
A	Melodica BP991-22	A6	Printed button	Plastic	Purple-gold	
A	Melodica BP991-22	A7	Hanger	Plastic	White	
B	Melodica BP991-25	B1	Main	Plastic	Red	
B	Melodica BP991-25	B2	Button	Plastic	White	
B	Melodica BP991-25	B3	Button	Plastic	Orange	
B	Melodica BP991-25	B4	Print on button	Plastic	Gold	
B	Melodica BP991-25	B5	Printed button	Plastic	White-gold	
B	Melodica BP991-25	B6	Printed button	Plastic	Orange-gold	
B	Melodica BP991-25	B7	Hanger	Plastic	White	
C	Melodica BP991-35	C1	Main	Plastic	Light Blue	
C	Melodica BP991-35	C2	Button	Plastic	White	
C	Melodica BP991-35	C3	Button	Plastic	Aqua	
C	Melodica BP991-35	C4	Print on button	Plastic	Gold	
C	Melodica BP991-35	C5	Printed button	Plastic	White-gold	
C	Melodica BP991-35	C6	Printed button	Plastic	Aqua-gold	
C	Melodica BP991-35	C7	Hanger	Plastic	White	
D	Melodica BP991-45	D1	Main	Plastic	Orange	
D	Melodica BP991-45	D2	Button	Plastic	White	
D	Melodica BP991-45	D3	Button	Plastic	Green	
D	Melodica BP991-45	D4	Print on button	Plastic	Gold	
D	Melodica BP991-45	D5	Printed button	Plastic	White-gold	
D	Melodica BP991-45	D6	Printed	Plastic	Green-gold	

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			button			
D	Melodica BP991-45	D7	Hanger	Plastic	White	

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## Phthalates<sup>1</sup>

Test Method:

With reference to EN 14372:2004 - Analysis by GC-MS

Component	Cas No	A1+A5+A6	A7+B7	B1+B5+B6
Dibutyl Phthalate (DBP)	84-74-2	n.d.	n.d.	n.d.
Benzylbutyl Phthalate (BBP)	85-68-7	n.d.	n.d.	n.d.
Bis-(2-ethylhexyl) Phthalate (DEHP)	117-81-7	n.d.	n.d.	n.d.
Total (DBP+BBP+DEHP)		n.d.	n.d.	n.d.
	<b>Conclusion</b>	<b>Pass</b>	<b>Pass</b>	<b>Pass</b>
Diisononyl Phthalate (DINP)	28553-12-0	n.d.	n.d.	n.d.
Di-n-octyl Phthalate (DNOP)	117-84-0	n.d.	n.d.	n.d.
Diisodecyl Phthalate (DIDP)	26761-40-0	n.d.	n.d.	n.d.
Total (DINP+DNOP+DIDP)		n.d.	n.d.	n.d.
	<b>Conclusion</b>	<b>Pass</b>	<b>Pass</b>	<b>Pass</b>

Note(s): n.d. = not detected  
1% =10000 mg/kg

Remark(s): Recommended Max. limit specified by entries 51 and 52 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 2005/84/EC).

Detection Limit = For DBP, BBP, DEHP,DIBP and DNOP: 0,003%, For DINP, DIDP: 0,01% (for individual compound)

Recommended Max. Limit(s)= 0,1 % for Total (DBP+BBP+DEHP) For all childcare articles  
0,1 % for Total (DINP+DNOP+DIDP) For childcare articles if it can be placed in the mouth

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## Phthalates<sup>1</sup>

Test Method:

With reference to EN 14372:2004 - Analysis by GC-MS

Component	Cas No	C1+C5+C6	C7+D7	D1+D5+D6
Dibutyl Phthalate (DBP)	84-74-2	n.d.	n.d.	n.d.
Benzylbutyl Phthalate (BBP)	85-68-7	n.d.	n.d.	n.d.
Bis-(2-ethylhexyl) Phthalate (DEHP)	117-81-7	n.d.	n.d.	n.d.
Total (DBP+BBP+DEHP)		n.d.	n.d.	n.d.
	<b>Conclusion</b>	<b>Pass</b>	<b>Pass</b>	<b>Pass</b>
Diisononyl Phthalate (DINP)	28553-12-0	n.d.	n.d.	n.d.
Di-n-octyl Phthalate (DNOP)	117-84-0	n.d.	n.d.	n.d.
Diisodecyl Phthalate (DIDP)	26761-40-0	n.d.	n.d.	n.d.
Total (DINP+DNOP+DIDP)		n.d.	n.d.	n.d.
	<b>Conclusion</b>	<b>Pass</b>	<b>Pass</b>	<b>Pass</b>

Note(s): n.d. = not detected

1% =10000 mg/kg

Remark(s): Recommended Max. limit specified by entries 51 and 52 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 2005/84/EC).

Detection Limit = For DBP, BBP, DEHP, DIBP and DNOP: 0,003%, For DINP, DIDP: 0,01% (for individual compound)

**Recommended Max. Limit(s)=** 0,1 % for Total (DBP+BBP+DEHP) For all childcare articles  
0,1 % for Total (DINP+DNOP+DIDP) For childcare articles if it can be placed in the mouth

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## European Directive 2009/48/EC-Migration of certain elements-Category III<sup>1</sup>

Test Method: With reference to EN 71 Part 3:2013+A1:2014. Analysis was performed by ICP-MS

Test Item		A1	A2	A3	Reporting Limit (mg/kg)	Permissible Limit (mg/kg)
Mass of trace amount(mg)		--	--	--	--	--
Soluble Aluminium	(Al)	ND	ND	ND	50	70000
Soluble Antimony	(Sb)	ND	ND	ND	10	560
Soluble Arsenic	(As)	ND	ND	ND	10	47
Soluble Barium	(Ba)	ND	ND	ND	50	18750
Soluble Boron	(B)	ND	ND	ND	50	15000
Soluble Cadmium	(Cd)	ND	ND	ND	5	17
Soluble Chromium	(Cr)	3,5 mg/kg	12 mg/kg	1,1 mg/kg	0,15	--
Soluble Chromium (III) <sup>#</sup>	(Cr (III))	ND	12 mg/kg	ND	5	460
Soluble Chromium (VI) <sup>#</sup>	(Cr (VI))	ND	ND	ND	0,18	0,2
Soluble Cobalt	(Co)	ND	ND	ND	10	130
Soluble Copper	(Cu)	ND	ND	ND	50	7700
Soluble Lead	(Pb)	ND	ND	ND	10	160
Soluble Manganese	(Mn)	ND	ND	ND	50	15000
Soluble Mercury	(Hg)	ND	ND	ND	10	94
Soluble Nickel	(Ni)	ND	ND	ND	10	930
Soluble Selenium	(Se)	ND	ND	ND	10	460
Soluble Strontium	(Sr)	ND	ND	ND	50	56000
Soluble Tin	(Sn)	ND	ND	ND	4,9	180000
Soluble Organic Tin <sup>^</sup>	--	--	--	--	--	12
Soluble Zinc	(Zn)	ND	ND	ND	50	46000
Conclusion		Pass	Pass	Pass		

Note(s): mg/kg = milligram per kilogram  
ND = not detected

Remark(s): <sup>^</sup> Confirmation test of soluble organic tin is not required in case of soluble tin, after conversion, does not exceed the soluble organic tin requirement as specified in EN 71 Part 3:2013+A1:2014

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## European Directive 2009/48/EC-Migration of certain elements-Category III<sup>1</sup>

Test Method: With reference to EN 71 Part 3:2013+A1:2014. Analysis was performed by ICP-MS

Test Item		A4	A5	A6	Reporting Limit (mg/kg)	Permissible Limit (mg/kg)
Mass of trace amount(mg)		--	--	--	--	--
Soluble Aluminium (Al)		ND	ND	ND	50	70000
Soluble Antimony (Sb)		ND	ND	ND	10	560
Soluble Arsenic (As)		ND	ND	ND	10	47
Soluble Barium (Ba)		ND	ND	ND	50	18750
Soluble Boron (B)		ND	ND	ND	50	15000
Soluble Cadmium (Cd)		ND	ND	ND	5	17
Soluble Chromium (Cr)		0,78 mg/kg	0,21 mg/kg	0,25 mg/kg	0,15	--
Soluble Chromium (III) <sup>#</sup> (Cr (III))		ND	ND	ND	5	460
Soluble Chromium (VI) <sup>#</sup> (Cr (VI))		ND	ND	ND	0,18	0,2
Soluble Cobalt (Co)		ND	ND	ND	10	130
Soluble Copper (Cu)		ND	ND	ND	50	7700
Soluble Lead (Pb)		ND	ND	ND	10	160
Soluble Manganese (Mn)		ND	ND	ND	50	15000
Soluble Mercury (Hg)		ND	ND	ND	10	94
Soluble Nickel (Ni)		ND	ND	ND	10	930
Soluble Selenium (Se)		ND	ND	ND	10	460
Soluble Strontium (Sr)		ND	ND	ND	50	56000
Soluble Tin (Sn)		ND	ND	ND	4,9	180000
Soluble Organic Tin <sup>^</sup>	--	--	--	--	--	12
Soluble Zinc (Zn)		56 mg/kg	ND	ND	50	46000
Conclusion		Pass	Pass	Pass		

**Note(s):** mg/kg = milligram per kilogram  
ND = not detected

**Remark(s):** <sup>^</sup> Confirmation test of soluble organic tin is not required in case of soluble tin, after conversion, does not exceed the soluble organic tin requirement as specified in EN 71 Part 3:2013+A1:2014

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## European Directive 2009/48/EC-Migration of certain elements-Category III<sup>1</sup>

Test Method: With reference to EN 71 Part 3:2013+A1:2014. Analysis was performed by ICP-MS

Test Item		A7	B3	B7	Reporting Limit (mg/kg)	Permissible Limit (mg/kg)
Mass of trace amount(mg)		--	--	--	--	--
Soluble Aluminium	(Al)	ND	ND	ND	50	70000
Soluble Antimony	(Sb)	ND	ND	ND	10	560
Soluble Arsenic	(As)	ND	ND	ND	10	47
Soluble Barium	(Ba)	ND	ND	ND	50	18750
Soluble Boron	(B)	ND	ND	ND	50	15000
Soluble Cadmium	(Cd)	ND	ND	ND	5	17
Soluble Chromium	(Cr)	0,34 mg/kg	0,21 mg/kg	0,18 mg/kg	0,15	--
Soluble Chromium (III) <sup>#</sup>	(Cr (III))	ND	ND	ND	5	460
Soluble Chromium (VI) <sup>#</sup>	(Cr (VI))	ND	ND	ND	0,18	0,2
Soluble Cobalt	(Co)	ND	ND	ND	10	130
Soluble Copper	(Cu)	ND	ND	ND	50	7700
Soluble Lead	(Pb)	ND	ND	ND	10	160
Soluble Manganese	(Mn)	ND	ND	ND	50	15000
Soluble Mercury	(Hg)	ND	ND	ND	10	94
Soluble Nickel	(Ni)	ND	ND	ND	10	930
Soluble Selenium	(Se)	ND	ND	ND	10	460
Soluble Strontium	(Sr)	ND	ND	ND	50	56000
Soluble Tin	(Sn)	ND	ND	ND	4,9	180000
Soluble Organic Tin <sup>^</sup>	--	--	--	--	--	12
Soluble Zinc	(Zn)	ND	ND	ND	50	46000
Conclusion		Pass	Pass	Pass		

Note(s): mg/kg = milligram per kilogram

ND = not detected

Remark(s): <sup>^</sup> Confirmation test of soluble organic tin is not required in case of soluble tin, after conversion, does not exceed the soluble organic tin requirement as specified in EN 71 Part 3:2013+A1:2014

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## European Directive 2009/48/EC-Migration of certain elements-Category III<sup>1</sup>

Test Method: With reference to EN 71 Part 3:2013+A1:2014. Analysis was performed by ICP-MS

Test Item	C7	D4	Reporting Limit (mg/kg)	Permissible Limit (mg/kg)
Mass of trace amount(mg)	--	--	--	--
Soluble Aluminium (Al)	ND	ND	50	70000
Soluble Antimony (Sb)	ND	ND	10	560
Soluble Arsenic (As)	ND	ND	10	47
Soluble Barium (Ba)	ND	ND	50	18750
Soluble Boron (B)	ND	ND	50	15000
Soluble Cadmium (Cd)	ND	ND	5	17
Soluble Chromium (Cr)	0,29 mg/kg	0,36 mg/kg	0,15	--
Soluble Chromium (III) <sup>#</sup> (Cr (III))	ND	ND	5	460
Soluble Chromium (VI) <sup>#</sup> (Cr (VI))	ND	ND	0,18	0,2
Soluble Cobalt (Co)	ND	ND	10	130
Soluble Copper (Cu)	ND	87 mg/kg	50	7700
Soluble Lead (Pb)	ND	ND	10	160
Soluble Manganese (Mn)	ND	ND	50	15000
Soluble Mercury (Hg)	ND	ND	10	94
Soluble Nickel (Ni)	ND	ND	10	930
Soluble Selenium (Se)	ND	ND	10	460
Soluble Strontium (Sr)	ND	ND	50	56000
Soluble Tin (Sn)	ND	ND	4,9	180000
Soluble Organic Tin <sup>^</sup>	--	--	--	12
Soluble Zinc (Zn)	ND	88 mg/kg	50	46000
Conclusion	Pass	Pass		

Note(s): mg/kg = milligram per kilogram  
ND = not detected

Remark(s): <sup>^</sup> Confirmation test of soluble organic tin is not required in case of soluble tin, after conversion, does not exceed the soluble organic tin requirement as specified in EN 71 Part 3:2013+A1:2014

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## European Directive 2009/48/EC-Migration of certain elements-Category III<sup>1</sup>

Test Method: With reference to EN 71 Part 3:2013+A1:2014. Analysis was performed by ICP-MS

Test Item		B1	B2	B4	Reporting Limit (mg/kg)	Permissible Limit (mg/kg)
Mass of trace amount(mg)		--	--	--	--	--
Soluble Aluminium	(Al)	ND	ND	ND	50	70000
Soluble Antimony	(Sb)	ND	ND	ND	10	560
Soluble Arsenic	(As)	ND	ND	ND	10	47
Soluble Barium	(Ba)	ND	ND	ND	50	18750
Soluble Boron	(B)	ND	ND	ND	50	15000
Soluble Cadmium	(Cd)	ND	ND	ND	5	17
Soluble Chromium	(Cr)	ND	ND	ND	0,15	--
Soluble Chromium (III) <sup>#</sup>	(Cr (III))	--	--	--	5	460
Soluble Chromium (VI) <sup>#</sup>	(Cr (VI))	--	--	--	0,18	0,2
Soluble Cobalt	(Co)	ND	ND	ND	10	130
Soluble Copper	(Cu)	ND	ND	72 mg/kg	50	7700
Soluble Lead	(Pb)	ND	ND	ND	10	160
Soluble Manganese	(Mn)	ND	ND	ND	50	15000
Soluble Mercury	(Hg)	ND	ND	ND	10	94
Soluble Nickel	(Ni)	ND	ND	ND	10	930
Soluble Selenium	(Se)	ND	ND	ND	10	460
Soluble Strontium	(Sr)	ND	ND	ND	50	56000
Soluble Tin	(Sn)	ND	ND	ND	4,9	180000
Soluble Organic Tin <sup>^</sup>	--	--	--	--	--	12
Soluble Zinc	(Zn)	ND	ND	51 mg/kg	50	46000
Conclusion		Pass	Pass	Pass		

**Note(s):** mg/kg = milligram per kilogram  
ND = not detected

**Remark(s):** <sup>#</sup> Confirmation test of soluble chromium (III) & chromium (VI) is not required in case of soluble chromium does not exceed their requirements as specified in EN 71 Part 3:2013+A1:2014  
<sup>^</sup> Confirmation test of soluble organic tin is not required in case of soluble tin, after conversion, does not exceed the soluble organic tin requirement as specified in EN 71 Part 3:2013+A1:2014

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## European Directive 2009/48/EC-Migration of certain elements-Category III<sup>1</sup>

Test Method: With reference to EN 71 Part 3:2013+A1:2014. Analysis was performed by ICP-MS

Test Item		B5	B6	C1	Reporting Limit (mg/kg)	Permissible Limit (mg/kg)
Mass of trace amount(mg)		--	--	--	--	--
Soluble Aluminium	(Al)	ND	ND	ND	50	70000
Soluble Antimony	(Sb)	ND	ND	ND	10	560
Soluble Arsenic	(As)	ND	ND	ND	10	47
Soluble Barium	(Ba)	ND	ND	ND	50	18750
Soluble Boron	(B)	ND	ND	ND	50	15000
Soluble Cadmium	(Cd)	ND	ND	ND	5	17
Soluble Chromium	(Cr)	ND	ND	ND	0,15	--
Soluble Chromium (III) <sup>#</sup>	(Cr (III))	--	--	--	5	460
Soluble Chromium (VI) <sup>#</sup>	(Cr (VI))	--	--	--	0,18	0,2
Soluble Cobalt	(Co)	ND	ND	ND	10	130
Soluble Copper	(Cu)	ND	ND	ND	50	7700
Soluble Lead	(Pb)	ND	ND	ND	10	160
Soluble Manganese	(Mn)	ND	ND	ND	50	15000
Soluble Mercury	(Hg)	ND	ND	ND	10	94
Soluble Nickel	(Ni)	ND	ND	ND	10	930
Soluble Selenium	(Se)	ND	ND	ND	10	460
Soluble Strontium	(Sr)	ND	ND	ND	50	56000
Soluble Tin	(Sn)	ND	ND	ND	4,9	180000
Soluble Organic Tin <sup>^</sup>	--	--	--	--	--	12
Soluble Zinc	(Zn)	ND	ND	ND	50	46000
Conclusion		Pass	Pass	Pass		

Note(s): mg/kg = milligram per kilogram  
ND = not detected

Remark(s): <sup>#</sup> Confirmation test of soluble chromium (III) & chromium (VI) is not required in case of soluble chromium does not exceed their requirements as specified in EN 71 Part 3:2013+A1:2014  
<sup>^</sup> Confirmation test of soluble organic tin is not required in case of soluble tin, after conversion, does not exceed the soluble organic tin requirement as specified in EN 71 Part 3:2013+A1:2014

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## European Directive 2009/48/EC-Migration of certain elements-Category III<sup>1</sup>

Test Method: With reference to EN 71 Part 3:2013+A1:2014. Analysis was performed by ICP-MS

Test Item		C2	C3	C4	Reporting Limit (mg/kg)	Permissible Limit (mg/kg)
Mass of trace amount(mg)		--	--	--	--	--
Soluble Aluminium	(Al)	ND	ND	ND	50	70000
Soluble Antimony	(Sb)	ND	ND	ND	10	560
Soluble Arsenic	(As)	ND	ND	ND	10	47
Soluble Barium	(Ba)	ND	ND	ND	50	18750
Soluble Boron	(B)	ND	ND	ND	50	15000
Soluble Cadmium	(Cd)	ND	ND	ND	5	17
Soluble Chromium	(Cr)	ND	ND	ND	0,15	--
Soluble Chromium (III) <sup>#</sup>	(Cr (III))	--	--	--	5	460
Soluble Chromium (VI) <sup>#</sup>	(Cr (VI))	--	--	--	0,18	0,2
Soluble Cobalt	(Co)	ND	ND	ND	10	130
Soluble Copper	(Cu)	ND	ND	52 mg/kg	50	7700
Soluble Lead	(Pb)	ND	ND	ND	10	160
Soluble Manganese	(Mn)	ND	ND	ND	50	15000
Soluble Mercury	(Hg)	ND	ND	ND	10	94
Soluble Nickel	(Ni)	ND	ND	ND	10	930
Soluble Selenium	(Se)	ND	ND	ND	10	460
Soluble Strontium	(Sr)	ND	ND	ND	50	56000
Soluble Tin	(Sn)	ND	ND	ND	4,9	180000
Soluble Organic Tin <sup>^</sup>	--	--	--	--	--	12
Soluble Zinc	(Zn)	ND	ND	71 mg/kg	50	46000
Conclusion		Pass	Pass	Pass		

**Note(s):** mg/kg = milligram per kilogram  
ND = not detected

**Remark(s):** <sup>#</sup> Confirmation test of soluble chromium (III) & chromium (VI) is not required in case of soluble chromium does not exceed their requirements as specified in EN 71 Part 3:2013+A1:2014  
<sup>^</sup> Confirmation test of soluble organic tin is not required in case of soluble tin, after conversion, does not exceed the soluble organic tin requirement as specified in EN 71 Part 3:2013+A1:2014

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## European Directive 2009/48/EC-Migration of certain elements-Category III<sup>1</sup>

Test Method: With reference to EN 71 Part 3:2013+A1:2014. Analysis was performed by ICP-MS

Test Item		C5	C6	D1	Reporting Limit (mg/kg)	Permissible Limit (mg/kg)
Mass of trace amount(mg)		--	--	--	--	--
Soluble Aluminium	(Al)	ND	ND	ND	50	70000
Soluble Antimony	(Sb)	ND	ND	ND	10	560
Soluble Arsenic	(As)	ND	ND	ND	10	47
Soluble Barium	(Ba)	ND	ND	ND	50	18750
Soluble Boron	(B)	ND	ND	ND	50	15000
Soluble Cadmium	(Cd)	ND	ND	ND	5	17
Soluble Chromium	(Cr)	ND	ND	ND	0,15	--
Soluble Chromium (III) <sup>#</sup>	(Cr (III))	--	--	--	5	460
Soluble Chromium (VI) <sup>#</sup>	(Cr (VI))	--	--	--	0,18	0,2
Soluble Cobalt	(Co)	ND	ND	ND	10	130
Soluble Copper	(Cu)	ND	ND	ND	50	7700
Soluble Lead	(Pb)	ND	ND	ND	10	160
Soluble Manganese	(Mn)	ND	ND	ND	50	15000
Soluble Mercury	(Hg)	ND	ND	ND	10	94
Soluble Nickel	(Ni)	ND	ND	ND	10	930
Soluble Selenium	(Se)	ND	ND	ND	10	460
Soluble Strontium	(Sr)	ND	ND	ND	50	56000
Soluble Tin	(Sn)	ND	ND	ND	4,9	180000
Soluble Organic Tin <sup>^</sup>	--	--	--	--	--	12
Soluble Zinc	(Zn)	ND	ND	ND	50	46000
Conclusion		Pass	Pass	Pass		

Note(s): mg/kg = milligram per kilogram

ND = not detected

Remark(s): <sup>#</sup> Confirmation test of soluble chromium (III) & chromium (VI) is not required in case of soluble chromium does not exceed their requirements as specified in EN 71 Part 3:2013+A1:2014

<sup>^</sup> Confirmation test of soluble organic tin is not required in case of soluble tin, after conversion, does not exceed the soluble organic tin requirement as specified in EN 71 Part 3:2013+A1:2014

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## European Directive 2009/48/EC-Migration of certain elements-Category III<sup>1</sup>

Test Method: With reference to EN 71 Part 3:2013+A1:2014. Analysis was performed by ICP-MS

Test Item		D2	D3	D5	Reporting Limit (mg/kg)	Permissible Limit (mg/kg)
Mass of trace amount(mg)		--	--	--	--	--
Soluble Aluminium	(Al)	ND	ND	ND	50	70000
Soluble Antimony	(Sb)	ND	ND	ND	10	560
Soluble Arsenic	(As)	ND	ND	ND	10	47
Soluble Barium	(Ba)	ND	ND	ND	50	18750
Soluble Boron	(B)	ND	ND	ND	50	15000
Soluble Cadmium	(Cd)	ND	ND	ND	5	17
Soluble Chromium	(Cr)	ND	ND	ND	0,15	--
Soluble Chromium (III) <sup>#</sup>	(Cr (III))	--	--	--	5	460
Soluble Chromium (VI) <sup>#</sup>	(Cr (VI))	--	--	--	0,18	0,2
Soluble Cobalt	(Co)	ND	ND	ND	10	130
Soluble Copper	(Cu)	ND	ND	ND	50	7700
Soluble Lead	(Pb)	ND	ND	ND	10	160
Soluble Manganese	(Mn)	ND	ND	ND	50	15000
Soluble Mercury	(Hg)	ND	ND	ND	10	94
Soluble Nickel	(Ni)	ND	ND	ND	10	930
Soluble Selenium	(Se)	ND	ND	ND	10	460
Soluble Strontium	(Sr)	ND	ND	ND	50	56000
Soluble Tin	(Sn)	ND	ND	ND	4,9	180000
Soluble Organic Tin <sup>^</sup>	--	--	--	--	--	12
Soluble Zinc	(Zn)	ND	ND	ND	50	46000
Conclusion		Pass	Pass	Pass		

**Note(s):** mg/kg = milligram per kilogram  
ND = not detected

**Remark(s):** <sup>#</sup> Confirmation test of soluble chromium (III) & chromium (VI) is not required in case of soluble chromium does not exceed their requirements as specified in EN 71 Part 3:2013+A1:2014  
<sup>^</sup> Confirmation test of soluble organic tin is not required in case of soluble tin, after conversion, does not exceed the soluble organic tin requirement as specified in EN 71 Part 3:2013+A1:2014

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## European Directive 2009/48/EC-Migration of certain elements-Category III<sup>1</sup>

Test Method: With reference to EN 71 Part 3:2013+A1:2014. Analysis was performed by ICP-MS

Test Item		D6	D7	Reporting Limit (mg/kg)	Permissible Limit (mg/kg)
Mass of trace amount(mg)		--	--	--	--
Soluble Aluminium (Al)		ND	ND	50	70000
Soluble Antimony (Sb)		ND	ND	10	560
Soluble Arsenic (As)		ND	ND	10	47
Soluble Barium (Ba)		ND	ND	50	18750
Soluble Boron (B)		ND	ND	50	15000
Soluble Cadmium (Cd)		ND	ND	5	17
Soluble Chromium (Cr)		ND	ND	0,15	--
Soluble Chromium (III) <sup>#</sup> (Cr (III))		--	--	5	460
Soluble Chromium (VI) <sup>#</sup> (Cr (VI))		--	--	0,18	0,2
Soluble Cobalt (Co)		ND	ND	10	130
Soluble Copper (Cu)		ND	ND	50	7700
Soluble Lead (Pb)		ND	ND	10	160
Soluble Manganese (Mn)		ND	ND	50	15000
Soluble Mercury (Hg)		ND	ND	10	94
Soluble Nickel (Ni)		ND	ND	10	930
Soluble Selenium (Se)		ND	ND	10	460
Soluble Strontium (Sr)		ND	ND	50	56000
Soluble Tin (Sn)		ND	ND	4,9	180000
Soluble Organic Tin <sup>^</sup>	--	--	--	--	12
Soluble Zinc (Zn)		ND	ND	50	46000
Conclusion		Pass	Pass		

Note(s): mg/kg = milligram per kilogram  
ND = not detected

Remark(s): <sup>#</sup> Confirmation test of soluble chromium (III) & chromium (VI) is not required in case of soluble chromium does not exceed their requirements as specified in EN 71 Part 3:2013+A1:2014  
<sup>^</sup> Confirmation test of soluble organic tin is not required in case of soluble tin, after conversion, does not exceed the soluble organic tin requirement as specified in EN 71 Part 3:2013+A1:2014

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## European Standard on Safety of Toys#

### Mechanical and Physical Properties<sup>1</sup>

AS SPECIFIED IN EUROPEAN STANDARD ON SAFETY OF TOYS EN 71-1:2014

CLAUSE	DESCRIPTION	RESULT
<b>4</b>	<b>GENERAL REQUIREMENTS</b>	<b>A</b>
4.1	Material	Pass
4.2	Assembly	N/A
4.3	Flexible Plastic Sheeting	N/A
4.4	Toy Bags	N/A
4.5	Glass	N/A
4.6	Expanding Materials	N/A
4.7	Edges	Pass
4.8	Points and Metallic Wires	Pass
4.9	Protruding Parts	N/A
4.10	Parts moving against each other	N/A
4.11	Mouth actuated toys and other toys intended to be put in the mouth	N/A
	a) Toys intended to be put in the mouth	N/A
	b) Mouthpieces and other components of toys intended to be put in the mouth	N/A
	c) Mouth-actuated toys	N/A
	d) Mouthpieces fitted to balloons	N/A
	e) Mouth-actuated projectile toys	N/A
4.12	Balloons	N/A
4.13	Cords of toy kites and other flying toys	N/A
4.14	Enclosures	N/A
4.14.1	Toys which a child can enter	N/A
	a) The ventilation area for toys having a door, lid or similar device	N/A
	b) Opening force for toys having a door, lid or similar device	N/A
	c) Toy chest	N/A
4.14.2	Masks and helmets	N/A
4.15	Toys intended to bear the mass of a child	N/A
4.15.1	Toys propelled by the child or by other means	N/A
	4.15.1.2 Warnings and instructions for use	N/A
	4.15.1.3 Strength	N/A
	4.15.1.4 Stability	N/A
	4.15.1.5 Braking	N/A
	4.15.1.6 Transmission and wheel arrangement	N/A

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	4.15.1.7 Adjustable seat pillar and handlebar stem minimum insertion marks	N/A
	4.15.1.8 Electrically-driven ride-on toys	N/A
4.15.2	Toy bicycles	N/A
	4.15.2.2 Warnings and instructions for use	N/A
	4.15.2.3 Braking requirements	N/A
4.15.3	Rocking horses and similar toys	N/A
4.15.4	Toys not propelled by a child	N/A
4.15.5	Toys scooters	N/A
	4.15.5.2 Warnings and instructions for use	N/A
	4.15.5.3 Strength	N/A
	a) The requirements in 4.15.1.3	
	b) Strength of toy scooter steering tubes	
	4.15.5.4 Adjustable and folding steering tubes	N/A
	4.15.5.5 Braking	N/A
	4.15.5.6 Wheel size	N/A
	4.15.5.7 Protruding parts	N/A
4.16	Heavy immobile toys	N/A
4.17	Projectiles	N/A
	4.17.1 General	N/A
	4.17.2 Projectile toys without stored energy	N/A
	4.17.3 Projectile toys with stored energy	N/A
	4.17.4 Bows and arrows	N/A
4.18	Aquatic Toys and inflatable toys	N/A
4.19	Percussion caps specifically designed for use in toys	N/A
4.20	Acoustics	N/A
4.21	Toys containing a non-electrical heat source	N/A
4.22	Small Balls	N/A
4.23	Magnets	N/A
4.24	Yo yo balls	N/A
4.25	Toys attached to food	N/A
5	TOYS INTENDED FOR CHILDREN UNDER 36 MONTHS	
5.1	a) Before abuse tests- small part	N/A
	b) After Abuse Test	N/A
	c) Potential hazardous metal points and wires with a cross section of 2mm or less	N/A
	d) Large and bulky toys	N/A
	e) Glued wooden toys and toys with glued on plastic decals	N/A
	f) The casing of toys for children too young to sit up unaided	N/A
	g) Foam toys and toys containing accessible foam components	N/A
5.2	Soft-filled toys and soft-filled parts of a toy	N/A
5.3	Plastic sheeting	N/A
5.4	Cords, chains and electrical cable in toys	N/A
5.5	Liquid filled toys	N/A
5.6	Speed limitation of electrically driven toys	N/A

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5.7	Glass and Porcelain	N/A
5.8	Shape and size of certain Toys	N/A
5.9	Toys comprising monofilament fibres	N/A
5.10	Small Balls	N/A
5.11	Play figures	N/A
5.12	Hemispherical shaped toys	N/A
5.13	Suction Cups	N/A
5.14	Straps intended to be used fully or partially around the neck	N/A
6	<b>PACKAGING</b>	N/A
7.	<b>WARNINGS, MARKINGS AND INSTRUCTIONS FOR USE</b>	N/A
7.1	General	N/A
7.2	Toys not intended for children under 36 months	N/A
7.3	Latex balloons	N/A
7.4	Aquatic toys	N/A
7.5	Functional toys	N/A
7.6	Hazardous sharp functional edges and points	N/A
7.7	Projectiles	N/A
7.8	Imitation protective masks and helmets	N/A
7.9	Toy kites	N/A
7.10	Roller skates, inline skates, skateboards and certain other ride-on toys	N/A
	7.10.1 Roller skates, inline skates and skateboards	N/A
	7.10.2 Ride-on toys without a braking device	N/A
	7.10.3 Electrically-driven ride-on toys	N/A
	7.10.4 Instructions for use	N/A
7.11	Toys intended to be attached to or strung across a cradle, cot, or perambulator	N/A
7.12	Liquid-filled teethingers	N/A
7.13	Percussion caps specifically designed for use in toys	N/A
7.14	Acoustics	N/A
7.15	Toy bicycles	N/A
7.16	Toys intended to bear the mass of a child	N/A
7.17	Toys comprising monofilament fibres	N/A
7.18	Toy scooters	N/A
7.19	Rocking horses and similar toys	N/A
7.20	Magnetic/electrical experimental sets	N/A
7.21	Toys with electrical cables exceeding 300 mm in length	N/A
7.22	Toys with cords or chains intended for children of 18 months and over but under 36 months	N/A

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**Flammability of Toys<sup>1</sup>**

AS SPECIFIED IN EUROPEAN STANDARD ON SAFETY OF TOYS BS EN 71- 2: 2011 + A1:2014

CLAUSE	DESCRIPTION	RESULT
<b>4</b>	<b>GENERAL REQUIREMENTS</b>	<b>A</b>
4.1	General requirements a) Cellulose Nitrate Control	Pass
4.2	Toys to be worn on the head	N/A
	4.2.2. Beards, moustaches, wigs etc., made from hair, pile or material with similar features which protrude 50mm or more from the surface of the toy.	N/A
	4.2.3. Beards, moustaches, wigs etc. made from hair, pile or material with similar features which protrude less than 50mm from the surface of the toy.	N/A
	4.2.4. Full or partial moulded head masks	N/A
	4.2.5. lowing elements of toys to be worn on the head hoods, head-dresses etc. and masks not covered by 4.2.4 which partially or fully cover the head(e.g. fabric and cardboard masks ,eye masks, face masks), but excluding those items covered by 4.3	N/A
4.3	Toy disguise costumes and toys intended to be worn by a child in play	N/A
4.4	Toys intended to be entered by a child	N/A
4.5	Soft filled toys	N/A

Remark: Although the product isn't a toy, it has been tested with standard of EN 71-2 at the request of client.

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## European Standard on Safety of Toys#

### Mechanical and Physical Properties<sup>1</sup>

AS SPECIFIED IN EUROPEAN STANDARD ON SAFETY OF TOYS EN 71-1:2014

CLAUSE	DESCRIPTION	RESULT
<b>4</b>	<b>GENERAL REQUIREMENTS</b>	<b>B</b>
4.1	Material	Pass
4.2	Assembly	N/A
4.3	Flexible Plastic Sheeting	N/A
4.4	Toy Bags	N/A
4.5	Glass	N/A
4.6	Expanding Materials	N/A
4.7	Edges	Pass
4.8	Points and Metallic Wires	Pass
4.9	Protruding Parts	N/A
4.10	Parts moving against each other	N/A
4.11	Mouth actuated toys and other toys intended to be put in the mouth	N/A
	a) Toys intended to be put in the mouth	N/A
	b) Mouthpieces and other components of toys intended to be put in the mouth	N/A
	c) Mouth-actuated toys	N/A
	d) Mouthpieces fitted to balloons	N/A
	e) Mouth-actuated projectile toys	N/A
4.12	Balloons	N/A
4.13	Cords of toy kites and other flying toys	N/A
4.14	Enclosures	N/A
4.14.1	Toys which a child can enter	N/A
	a) The ventilation area for toys having a door, lid or similar device	N/A
	b) Opening force for toys having a door, lid or similar device	N/A
	c) Toy chest	N/A
4.14.2	Masks and helmets	N/A
4.15	Toys intended to bear the mass of a child	N/A
4.15.1	Toys propelled by the child or by other means	N/A
	4.15.1.2 Warnings and instructions for use	N/A
	4.15.1.3 Strength	N/A
	4.15.1.4 Stability	N/A
	4.15.1.5 Braking	N/A
	4.15.1.6 Transmission and wheel arrangement	N/A
	4.15.1.7 Adjustable seat pillar and handlebar stem minimum insertion marks	N/A

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	4.15.1.8 Electrically-driven ride-on toys	N/A
4.15.2	Toy bicycles	N/A
	4.15.2.2 Warnings and instructions for use	N/A
	4.15.2.3 Braking requirements	N/A
4.15.3	Rocking horses and similar toys	N/A
4.15.4	Toys not propelled by a child	N/A
4.15.5	Toys scooters	N/A
	4.15.5.2 Warnings and instructions for use	N/A
	4.15.5.3 Strength	N/A
	a) The requirements in 4.15.1.3	
	b) Strength of toy scooter steering tubes	
	4.15.5.4 Adjustable and folding steering tubes	N/A
	4.15.5.5 Braking	N/A
	4.15.5.6 Wheel size	N/A
	4.15.5.7 Protruding parts	N/A
4.16	Heavy immobile toys	N/A
4.17	Projectiles	N/A
	4.17.1 General	N/A
	4.17.2 Projectile toys without stored energy	N/A
	4.17.3 Projectile toys with stored energy	N/A
	4.17.4 Bows and arrows	N/A
4.18	Aquatic Toys and inflatable toys	N/A
4.19	Percussion caps specifically designed for use in toys	N/A
4.20	Acoustics	N/A
4.21	Toys containing a non-electrical heat source	N/A
4.22	Small Balls	N/A
4.23	Magnets	N/A
4.24	Yo yo balls	N/A
4.25	Toys attached to food	N/A
5	TOYS INTENDED FOR CHILDREN UNDER 36 MONTHS	
5.1	a) Before abuse tests- small part	N/A
	b) After Abuse Test	N/A
	c) Potential hazardous metal points and wires with a cross section of 2mm or less	N/A
	d) Large and bulky toys	N/A
	e) Glued wooden toys and toys with glued on plastic decals	N/A
	f) The casing of toys for children too young to sit up unaided	N/A
	g) Foam toys and toys containing accessible foam components	N/A
5.2	Soft-filled toys and soft-filled parts of a toy	N/A
5.3	Plastic sheeting	N/A
5.4	Cords, chains and electrical cable in toys	N/A
5.5	Liquid filled toys	N/A
5.6	Speed limitation of electrically driven toys	N/A
5.7	Glass and Porcelain	N/A

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5.8	Shape and size of certain Toys	N/A
5.9	Toys comprising monofilament fibres	N/A
5.10	Small Balls	N/A
5.11	Play figures	N/A
5.12	Hemispherical shaped toys	N/A
5.13	Suction Cups	N/A
5.14	Straps intended to be used fully or partially around the neck	N/A
6	<b>PACKAGING</b>	N/A
7.	<b>WARNINGS, MARKINGS AND INSTRUCTIONS FOR USE</b>	N/A
7.1	General	N/A
7.2	Toys not intended for children under 36 months	N/A
7.3	Latex balloons	N/A
7.4	Aquatic toys	N/A
7.5	Functional toys	N/A
7.6	Hazardous sharp functional edges and points	N/A
7.7	Projectiles	N/A
7.8	Imitation protective masks and helmets	N/A
7.9	Toy kites	N/A
7.10	Roller skates, inline skates, skateboards and certain other ride-on toys	N/A
	7.10.1 Roller skates, inline skates and skateboards	N/A
	7.10.2 Ride-on toys without a braking device	N/A
	7.10.3 Electrically-driven ride-on toys	N/A
	7.10.4 Instructions for use	N/A
7.11	Toys intended to be attached to or strung across a cradle, cot, or perambulator	N/A
7.12	Liquid-filled teethingers	N/A
7.13	Percussion caps specifically designed for use in toys	N/A
7.14	Acoustics	N/A
7.15	Toy bicycles	N/A
7.16	Toys intended to bear the mass of a child	N/A
7.17	Toys comprising monofilament fibres	N/A
7.18	Toy scooters	N/A
7.19	Rocking horses and similar toys	N/A
7.20	Magnetic/electrical experimental sets	N/A
7.21	Toys with electrical cables exceeding 300 mm in length	N/A
7.22	Toys with cords or chains intended for children of 18 months and over but under 36 months	N/A

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**Flammability of Toys<sup>1</sup>**

AS SPECIFIED IN EUROPEAN STANDARD ON SAFETY OF TOYS BS EN 71- 2: 2011 + A1:2014

CLAUSE	DESCRIPTION	RESULT
<b>4</b>	<b>GENERAL REQUIREMENTS</b>	<b>B</b>
4.1	General requirements a) Cellulose Nitrate Control	Pass
4.2	Toys to be worn on the head	N/A
	4.2.2. Beards, moustaches, wigs etc., made from hair, pile or material with similar features which protrude 50mm or more from the surface of the toy.	N/A
	4.2.3. Beards, moustaches, wigs etc. made from hair, pile or material with similar features which protrude less than 50mm from the surface of the toy.	N/A
	4.2.4. Full or partial moulded head masks	N/A
	4.2.5. Imitating elements of toys to be worn on the head hoods, head-dresses etc. and masks not covered by 4.2.4 which partially or fully cover the head(e.g. fabric and cardboard masks ,eye masks, face masks), but excluding those items covered by 4.3	N/A
4.3	Toy disguise costumes and toys intended to be worn by a child in play	N/A
4.4	Toys intended to be entered by a child	N/A
4.5	Soft filled toys	N/A

Remark: Although the product isn't a toy, it has been tested with standard of EN 71-2 at the request of client.

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## European Standard on Safety of Toys#

Mechanical and Physical Properties<sup>1</sup>

AS SPECIFIED IN EUROPEAN STANDARD ON SAFETY OF TOYS EN 71-1:2014

CLAUSE	DESCRIPTION	RESULT
<b>4</b>	<b>GENERAL REQUIREMENTS</b>	<b>C</b>
4.1	Material	Pass
4.2	Assembly	N/A
4.3	Flexible Plastic Sheeting	N/A
4.4	Toy Bags	N/A
4.5	Glass	N/A
4.6	Expanding Materials	N/A
4.7	Edges	Pass
4.8	Points and Metallic Wires	Pass
4.9	Protruding Parts	N/A
4.10	Parts moving against each other	N/A
4.11	Mouth actuated toys and other toys intended to be put in the mouth	N/A
	a) Toys intended to be put in the mouth	N/A
	b) Mouthpieces and other components of toys intended to be put in the mouth	N/A
	c) Mouth-actuated toys	N/A
	d) Mouthpieces fitted to balloons	N/A
	e) Mouth-actuated projectile toys	N/A
4.12	Balloons	N/A
4.13	Cords of toy kites and other flying toys	N/A
4.14	Enclosures	N/A
4.14.1	Toys which a child can enter	N/A
	a) The ventilation area for toys having a door, lid or similar device	N/A
	b) Opening force for toys having a door, lid or similar device	N/A
	c) Toy chest	N/A
4.14.2	Masks and helmets	N/A
4.15	Toys intended to bear the mass of a child	N/A
4.15.1	Toys propelled by the child or by other means	N/A
	4.15.1.2 Warnings and instructions for use	N/A
	4.15.1.3 Strength	N/A
	4.15.1.4 Stability	N/A
	4.15.1.5 Braking	N/A
	4.15.1.6 Transmission and wheel arrangement	N/A
	4.15.1.7 Adjustable seat pillar and handlebar stem minimum insertion marks	N/A

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	4.15.1.8 Electrically-driven ride-on toys	N/A
4.15.2	Toy bicycles	N/A
	4.15.2.2 Warnings and instructions for use	N/A
	4.15.2.3 Braking requirements	N/A
4.15.3	Rocking horses and similar toys	N/A
4.15.4	Toys not propelled by a child	N/A
4.15.5	Toys scooters	N/A
	4.15.5.2 Warnings and instructions for use	N/A
	4.15.5.3 Strength	N/A
	a) The requirements in 4.15.1.3	
	b) Strength of toy scooter steering tubes	
	4.15.5.4 Adjustable and folding steering tubes	N/A
	4.15.5.5 Braking	N/A
	4.15.5.6 Wheel size	N/A
	4.15.5.7 Protruding parts	N/A
4.16	Heavy immobile toys	N/A
4.17	Projectiles	N/A
	4.17.1 General	N/A
	4.17.2 Projectile toys without stored energy	N/A
	4.17.3 Projectile toys with stored energy	N/A
	4.17.4 Bows and arrows	N/A
4.18	Aquatic Toys and inflatable toys	N/A
4.19	Percussion caps specifically designed for use in toys	N/A
4.20	Acoustics	N/A
4.21	Toys containing a non-electrical heat source	N/A
4.22	Small Balls	N/A
4.23	Magnets	N/A
4.24	Yo yo balls	N/A
4.25	Toys attached to food	N/A
5	TOYS INTENDED FOR CHILDREN UNDER 36 MONTHS	
5.1	a) Before abuse tests- small part	N/A
	b) After Abuse Test	N/A
	c) Potential hazardous metal points and wires with a cross section of 2mm or less	N/A
	d) Large and bulky toys	N/A
	e) Glued wooden toys and toys with glued on plastic decals	N/A
	f) The casing of toys for children too young to sit up unaided	N/A
	g) Foam toys and toys containing accessible foam components	N/A
5.2	Soft-filled toys and soft-filled parts of a toy	N/A
5.3	Plastic sheeting	N/A
5.4	Cords, chains and electrical cable in toys	N/A
5.5	Liquid filled toys	N/A
5.6	Speed limitation of electrically driven toys	N/A
5.7	Glass and Porcelain	N/A

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5.8	Shape and size of certain Toys	N/A
5.9	Toys comprising monofilament fibres	N/A
5.10	Small Balls	N/A
5.11	Play figures	N/A
5.12	Hemispherical shaped toys	N/A
5.13	Suction Cups	N/A
5.14	Straps intended to be used fully or partially around the neck	N/A
6	<b>PACKAGING</b>	N/A
7.	<b>WARNINGS, MARKINGS AND INSTRUCTIONS FOR USE</b>	N/A
7.1	General	N/A
7.2	Toys not intended for children under 36 months	N/A
7.3	Latex balloons	N/A
7.4	Aquatic toys	N/A
7.5	Functional toys	N/A
7.6	Hazardous sharp functional edges and points	N/A
7.7	Projectiles	N/A
7.8	Imitation protective masks and helmets	N/A
7.9	Toy kites	N/A
7.10	Roller skates, inline skates, skateboards and certain other ride-on toys	N/A
	7.10.1 Roller skates, inline skates and skateboards	N/A
	7.10.2 Ride-on toys without a braking device	N/A
	7.10.3 Electrically-driven ride-on toys	N/A
	7.10.4 Instructions for use	N/A
7.11	Toys intended to be attached to or strung across a cradle, cot, or perambulator	N/A
7.12	Liquid-filled teethingers	N/A
7.13	Percussion caps specifically designed for use in toys	N/A
7.14	Acoustics	N/A
7.15	Toy bicycles	N/A
7.16	Toys intended to bear the mass of a child	N/A
7.17	Toys comprising monofilament fibres	N/A
7.18	Toy scooters	N/A
7.19	Rocking horses and similar toys	N/A
7.20	Magnetic/electrical experimental sets	N/A
7.21	Toys with electrical cables exceeding 300 mm in length	N/A
7.22	Toys with cords or chains intended for children of 18 months and over but under 36 months	N/A

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**Flammability of Toys<sup>1</sup>**

AS SPECIFIED IN EUROPEAN STANDARD ON SAFETY OF TOYS BS EN 71- 2: 2011 + A1:2014

CLAUSE	DESCRIPTION	RESULT
<b>4</b>	<b>GENERAL REQUIREMENTS</b>	<b>C</b>
4.1	General requirements a) Cellulose Nitrate Control	Pass
4.2	Toys to be worn on the head	N/A
	4.2.2. Beards, moustaches, wigs etc., made from hair, pile or material with similar features which protrude 50mm or more from the surface of the toy.	N/A
	4.2.3. Beards, moustaches, wigs etc. made from hair, pile or material with similar features which protrude less than 50mm from the surface of the toy.	N/A
	4.2.4. Full or partial moulded head masks	N/A
	4.2.5. Imitation elements of toys to be worn on the head hoods, head-dresses etc. and masks not covered by 4.2.4 which partially or fully cover the head(e.g. fabric and cardboard masks ,eye masks, face masks), but excluding those items covered by 4.3	N/A
4.3	Toy disguise costumes and toys intended to be worn by a child in play	N/A
4.4	Toys intended to be entered by a child	N/A
4.5	Soft filled toys	N/A

Remark: Although the product isn't a toy, it has been tested with standard of EN 71-2 at the request of client.

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## European Standard on Safety of Toys#

### Mechanical and Physical Properties<sup>1</sup>

AS SPECIFIED IN EUROPEAN STANDARD ON SAFETY OF TOYS EN 71-1:2014

CLAUSE	DESCRIPTION	RESULT
<b>4</b>	<b>GENERAL REQUIREMENTS</b>	<b>D</b>
4.1	Material	Pass
4.2	Assembly	N/A
4.3	Flexible Plastic Sheeting	N/A
4.4	Toy Bags	N/A
4.5	Glass	N/A
4.6	Expanding Materials	N/A
4.7	Edges	Pass
4.8	Points and Metallic Wires	Pass
4.9	Protruding Parts	N/A
4.10	Parts moving against each other	N/A
4.11	Mouth actuated toys and other toys intended to be put in the mouth	N/A
	a) Toys intended to be put in the mouth	N/A
	b) Mouthpieces and other components of toys intended to be put in the mouth	N/A
	c) Mouth-actuated toys	N/A
	d) Mouthpieces fitted to balloons	N/A
	e) Mouth-actuated projectile toys	N/A
4.12	Balloons	N/A
4.13	Cords of toy kites and other flying toys	N/A
4.14	Enclosures	N/A
4.14.1	Toys which a child can enter	N/A
	a) The ventilation area for toys having a door, lid or similar device	N/A
	b) Opening force for toys having a door, lid or similar device	N/A
	c) Toy chest	N/A
4.14.2	Masks and helmets	N/A
4.15	Toys intended to bear the mass of a child	N/A
4.15.1	Toys propelled by the child or by other means	N/A
	4.15.1.2 Warnings and instructions for use	N/A
	4.15.1.3 Strength	N/A
	4.15.1.4 Stability	N/A
	4.15.1.5 Braking	N/A
	4.15.1.6 Transmission and wheel arrangement	N/A
	4.15.1.7 Adjustable seat pillar and handlebar stem minimum insertion marks	N/A

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	4.15.1.8 Electrically-driven ride-on toys	N/A
4.15.2	Toy bicycles	N/A
	4.15.2.2 Warnings and instructions for use	N/A
	4.15.2.3 Braking requirements	N/A
4.15.3	Rocking horses and similar toys	N/A
4.15.4	Toys not propelled by a child	N/A
4.15.5	Toys scooters	N/A
	4.15.5.2 Warnings and instructions for use	N/A
	4.15.5.3 Strength	N/A
	a) The requirements in 4.15.1.3	
	b) Strength of toy scooter steering tubes	
	4.15.5.4 Adjustable and folding steering tubes	N/A
	4.15.5.5 Braking	N/A
	4.15.5.6 Wheel size	N/A
	4.15.5.7 Protruding parts	N/A
4.16	Heavy immobile toys	N/A
4.17	Projectiles	N/A
	4.17.1 General	N/A
	4.17.2 Projectile toys without stored energy	N/A
	4.17.3 Projectile toys with stored energy	N/A
	4.17.4 Bows and arrows	N/A
4.18	Aquatic Toys and inflatable toys	N/A
4.19	Percussion caps specifically designed for use in toys	N/A
4.20	Acoustics	N/A
4.21	Toys containing a non-electrical heat source	N/A
4.22	Small Balls	N/A
4.23	Magnets	N/A
4.24	Yo yo balls	N/A
4.25	Toys attached to food	N/A
5	TOYS INTENDED FOR CHILDREN UNDER 36 MONTHS	
5.1	a) Before abuse tests- small part	N/A
	b) After Abuse Test	N/A
	c) Potential hazardous metal points and wires with a cross section of 2mm or less	N/A
	d) Large and bulky toys	N/A
	e) Glued wooden toys and toys with glued on plastic decals	N/A
	f) The casing of toys for children too young to sit up unaided	N/A
	g) Foam toys and toys containing accessible foam components	N/A
5.2	Soft-filled toys and soft-filled parts of a toy	N/A
5.3	Plastic sheeting	N/A
5.4	Cords, chains and electrical cable in toys	N/A
5.5	Liquid filled toys	N/A
5.6	Speed limitation of electrically driven toys	N/A
5.7	Glass and Porcelain	N/A

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5.8	Shape and size of certain Toys	N/A
5.9	Toys comprising monofilament fibres	N/A
5.10	Small Balls	N/A
5.11	Play figures	N/A
5.12	Hemispherical shaped toys	N/A
5.13	Suction Cups	N/A
5.14	Straps intended to be used fully or partially around the neck	N/A
6	<b>PACKAGING</b>	N/A
7.	<b>WARNINGS, MARKINGS AND INSTRUCTIONS FOR USE</b>	N/A
7.1	General	N/A
7.2	Toys not intended for children under 36 months	N/A
7.3	Latex balloons	N/A
7.4	Aquatic toys	N/A
7.5	Functional toys	N/A
7.6	Hazardous sharp functional edges and points	N/A
7.7	Projectiles	N/A
7.8	Imitation protective masks and helmets	N/A
7.9	Toy kites	N/A
7.10	Roller skates, inline skates, skateboards and certain other ride-on toys	N/A
	7.10.1 Roller skates, inline skates and skateboards	N/A
	7.10.2 Ride-on toys without a braking device	N/A
	7.10.3 Electrically-driven ride-on toys	N/A
	7.10.4 Instructions for use	N/A
7.11	Toys intended to be attached to or strung across a cradle, cot, or perambulator	N/A
7.12	Liquid-filled teethingers	N/A
7.13	Percussion caps specifically designed for use in toys	N/A
7.14	Acoustics	N/A
7.15	Toy bicycles	N/A
7.16	Toys intended to bear the mass of a child	N/A
7.17	Toys comprising monofilament fibres	N/A
7.18	Toy scooters	N/A
7.19	Rocking horses and similar toys	N/A
7.20	Magnetic/electrical experimental sets	N/A
7.21	Toys with electrical cables exceeding 300 mm in length	N/A
7.22	Toys with cords or chains intended for children of 18 months and over but under 36 months	N/A

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**Flammability of Toys<sup>1</sup>**

AS SPECIFIED IN EUROPEAN STANDARD ON SAFETY OF TOYS BS EN 71- 2: 2011 + A1:2014

CLAUSE	DESCRIPTION	RESULT
<b>4</b>	<b>GENERAL REQUIREMENTS</b>	<b>D</b>
4.1	General requirements a) Cellulose Nitrate Control	Pass
4.2	Toys to be worn on the head	N/A
	4.2.2. Beards, moustaches, wigs etc., made from hair, pile or material with similar features which protrude 50mm or more from the surface of the toy.	N/A
	4.2.3. Beards, moustaches, wigs etc. made from hair, pile or material with similar features which protrude less than 50mm from the surface of the toy.	N/A
	4.2.4. Full or partial moulded head masks	N/A
	4.2.5. Imitation elements of toys to be worn on the head hoods, head-dresses etc. and masks not covered by 4.2.4 which partially or fully cover the head(e.g. fabric and cardboard masks ,eye masks, face masks), but excluding those items covered by 4.3	N/A
4.3	Toy disguise costumes and toys intended to be worn by a child in play	N/A
4.4	Toys intended to be entered by a child	N/A
4.5	Soft filled toys	N/A

Remark: Although the product isn't a toy, it has been tested with standard of EN 71-2 at the request of client.

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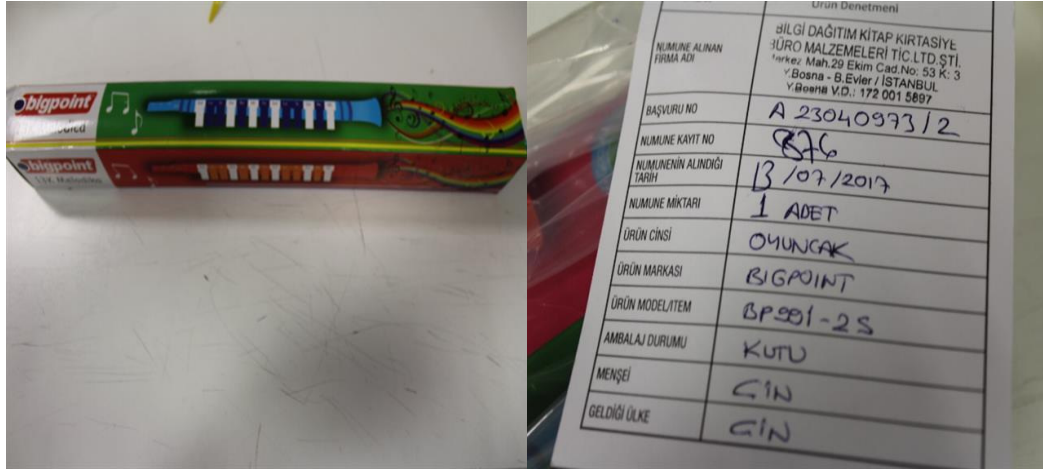
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\* \* \*

End of Test Report

\* \* \*

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