



TEST REPORT Job No./Report No TR892347

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CK FOAM İZOLASYON UR SAN VE TIC LTD ŞTI

ALAADDIN BEY MAH 632 SOK NO 6 A NILÜFER BURSA

TEL: 05078456869

FAX: -

To the attention of Orcun Öngören

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

Sample No.	Sample Description	
Α	Kids Games Tiles	

+2

Client's reference No. TR 892347 Buyer Not Provided Order No. Not Provided Division Not Provided Model/Style No. Not Provided Article No. Not Provided Labeled Age Grading Not Provided Requested Age Grading Not Provided

Age Group Assessed As Per Age

Guideline

Age Group Applied in Testing +2

Manufacturer Not Provided Country of Origin Not Provided Country of Destination Not Provided Shipment Date Not Provided Fiber Composition Not Provided Fabric Weight Not Provided End Use Not Provided Sample Receiving Date 8 February 2016 Resubmit Date 12 February 2016

Test Performing Period 8 February 2016 ~ 15 February 2016

Overall Conclusion PASS

Test Results Please refer to the next page(s).

Performed Test Summary: Selected test(s) as requested by client against Client's performance standard.

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Test Parameters		Res	sult	
Chemical tests	<u>A1</u>	<u>A2</u>	<u>A3</u>	<u>A4</u>
Migration of Certain Elements - Category III - Chromium III & Chromium VI Confirmation	М	-	М	М
Migration of Certain Elements - Category III	M	M	M	М

Test Parameters	Result
Physical tests	<u>A</u>
EN 71 Part 1:2014 - Mechanical and Physical Test	M
EN 71 Part 2:2011+A1:2014-Flammability of Toys	M

Remarks		:	M = Meets client's requirement
			F = Below client's requirement
			I = Inconclusive
			* = No specified requirement
Notes: Conclusions on meet/fail are base		ed c	on the test result from the actual sampling of the received sample(s).
	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.

Cenk Hacıoğlu **Customer Services Supervisor** 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
Α	Kids Games Tiles	A1	Main	Sponge-foam	Red
Α	Kids Games Tiles	A2	Main	Sponge-foam	Blue
Α	Kids Games Tiles	A3	Main	Sponge-foam	Green
Α	Kids Games Tiles	A4	Main	Sponge-foam	Yellow

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Test Method:		1 Part 3:2013+A1:2014. Analysis ained by calculation, chromium (
<u>Test Item</u>	Cironilani (iii) was obt	Amed by calculation, chromium (Reporting Limit (mg/kg)	o. <u>Permissible Limit</u> (mg/kg)
Mass of trace amount	(mg)			
Soluble Aluminium	(AI)	ND	50	70000
Soluble Antimony	(Sb)	ND	10	560
Soluble Arsenic	(As)	ND	10	47
Soluble Barium	(Ba)	ND	50	18750
Soluble Boron	(B)	ND	50	15000
Soluble Cadmium	(Cd)	ND	5	17
Soluble Chromium	(Cr)	0.4 mg/kg	0,15	
Soluble Chromium (III)	(Cr (III))	ND	5	460
Soluble Chromium (VI)	(Cr (VI))	ND	0,18	0,2
Soluble Cobalt	(Co)	ND	10	130
Soluble Copper	(Cu)	ND	50	7700
Soluble Lead	(Pb)	ND	10	160
Soluble Manganese	(Mn)	ND	50	15000
Soluble Mercury	(Hg)	ND	10	94
Soluble Nickel	(Ni)	ND	10	930
Soluble Selenium	(Se)	ND	10	460
Soluble Strontium	(Sr)	ND	50	56000
Soluble Tin	(Sn)	ND	4,9	180000
Soluble Organic Tin [^]				12
Soluble Zinc	(Zn)	ND	50	46000
	Conclusion	Pass		

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

> ND = not detected

^ Confirmation test of soluble organic tin is not required in case of soluble tin, after conversion, does not exceed the Remark(s):

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	n elements-Category III¹		
Test Method:		1 Part 3:2013+A1:2014. Analysis		
Test Item	Chromium (III) was obt	ained by calculation, chromium ((VI) was analyzed by UV/VI Reporting	S. Permissible Limit
<u>rest item</u>		<u>A3</u>	<u>heporting</u> Limit (mg/kg)	(mg/kg)
Mass of trace amount	(mg)			
Soluble Aluminium	(Al)	ND	50	70000
Soluble Antimony	(Sb)	ND	10	560
Soluble Arsenic	(As)	ND	10	47
Soluble Barium	(Ba)	ND	50	18750
Soluble Boron	(B)	ND	50	15000
Soluble Cadmium	(Cd)	ND	5	17
Soluble Chromium	(Cr)	0.6 mg/kg	0,15	
Soluble Chromium (III)	(Cr (III))	ND	5	460
Soluble Chromium (VI)	(Cr (VI))	ND	0,18	0,2
Soluble Cobalt	(Co)	ND	10	130
Soluble Copper	(Cu)	ND	50	7700
Soluble Lead	(Pb)	ND	10	160
Soluble Manganese	(Mn)	ND	50	15000
Soluble Mercury	(Hg)	ND	10	94
Soluble Nickel	(Ni)	ND	10	930
Soluble Selenium	(Se)	ND	10	460
Soluble Strontium	(Sr)	ND	50	56000
Soluble Tin	(Sn)	ND	4,9	180000
Soluble Organic Tin [^]				12
Soluble Zinc	(Zn)	ND	50	46000
	Conclusion	Pass		

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

> ND = not detected

^ Confirmation test of soluble organic tin is not required in case of soluble tin, after conversion, does not exceed the Remark(s):

soluble organic tin requirement as specified in EN 71 Part 3:2013+A1:2014

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Test Method:		1 Part 3:2013+A1:2014. Analysis		
<u>Test Item</u>	Chromium (III) was obt	ained by calculation, chromium (<u>A4</u>	Reporting Limit (mg/kg)	Permissible Limit (mg/kg)
Mass of trace amount	(mg)			
Soluble Aluminium	(AI)	ND	50	70000
Soluble Antimony	(Sb)	ND	10	560
Soluble Arsenic	(As)	ND	10	47
Soluble Barium	(Ba)	ND	50	18750
Soluble Boron	(B)	ND	50	15000
Soluble Cadmium	(Cd)	ND	5	17
Soluble Chromium	(Cr)	0.7 mg/kg	0,15	
Soluble Chromium (III)	(Cr (III))	ND	5	460
Soluble Chromium (VI)	(Cr (VI))	ND	0,18	0,2
Soluble Cobalt	(Co)	ND	10	130
Soluble Copper	(Cu)	ND	50	7700
Soluble Lead	(Pb)	ND	10	160
Soluble Manganese	(Mn)	ND	50	15000
Soluble Mercury	(Hg)	ND	10	94
Soluble Nickel	(Ni)	ND	10	930
Soluble Selenium	(Se)	ND	10	460
Soluble Strontium	(Sr)	ND	50	56000
Soluble Tin	(Sn)	ND	4,9	180000
Soluble Organic Tin [^]				12
Soluble Zinc	(Zn)	ND	50	46000
	Conclusion	Pass		

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

> ND = not detected

^ Confirmation test of soluble organic tin is not required in case of soluble tin, after conversion, does not exceed the Remark(s):

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 ¹		
Test Method:	With reference to EN 71	Part 3:2013+A1:2014. Analy	sis was performed by ICP-N	MS
<u>Test Item</u>		<u>A2</u>	<u>Reporting</u> <u>Limit (mg/kg)</u>	Permissible Limit (mg/kg)
Mass of trace amount	(mg)			
Soluble Aluminium	(AI)	ND	50	70000
Soluble Antimony	(Sb)	ND	10	560
Soluble Arsenic	(As)	ND	10	47
Soluble Barium	(Ba)	ND	50	18750
Soluble Boron	(B)	ND	50	15000
Soluble Cadmium	(Cd)	ND	5	17
Soluble Chromium	(Cr)	ND	0,15	
Soluble Chromium (III)#	(Cr (III))		5	460
Soluble Chromium (VI)#	(Cr (VI))		0,18	0,2
Soluble Cobalt	(Co)	ND	10	130
Soluble Copper	(Cu)	ND	50	7700
Soluble Lead	(Pb)	ND	10	160
Soluble Manganese	(Mn)	ND	50	15000
Soluble Mercury	(Hg)	ND	10	94
Soluble Nickel	(Ni)	ND	10	930
Soluble Selenium	(Se)	ND	10	460
Soluble Strontium	(Sr)	ND	50	56000
Soluble Tin	(Sn)	ND	4,9	180000
Soluble Organic Tin [^]				12
Soluble Zinc	(Zn)	ND	50	46000
	Conclusion	Pass		

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

not detected

#Confirmation test of soluble chromium (III) & chromium (VI) is not required in case of soluble chromium does not Remark(s):

exceed their requirements as specified in EN 71 Part 3:2013+A1:2014

^ 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 Properties¹

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

CLAUSE	DESCRIPTION	RESULT
4	General requirements	Α
4.1	Material (by visual assessment)	Pass
4.7	Edges	Pass
4.8	Points and metallic wires	Pass
5.1	General Requirements a)Before abuse tests b)After abuse test	Pass
	-Torque test	Pass
	-Tension test	Pass
	-Drop test	Pass
	-Impact test	Pass
7	Warnings, markings and instructions for use	(See Remark 1)
	Remark 1: All information should be given in the national language of country where the toy is to be sold.	

-Flammability of toys1

AS SPECIFIED IN EUROPEAN STANDARD ON SAFETY OF TOYS EN71 PART 2:2011 +A1:2014

CLAUSE	DESCRIPTION	RESULT
4.1	General requirements	Pass

^{*} Only applicable clauses were reported.

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Labeling requirement (Washing/Cleaning instruction, CE mark, importer / manufacturer name and address, product identification) according to the Directive 2009/48/EC - Safety of toys

Summary table					
	Observation Result	Location			
Washing/Cleaning instruction	Absent	-			
CE mark	Present	Packaging			
Importer's Name & Address	Absent	-			
Manufacturer's Name & Address	Present	Packaging			
Product ID	Absent	-			

Not/ Note:

- 1) According to Directive 2009/48/EC, a toy intended for use by children under 36 months must be designed and manufactured in such a way that it can be cleaned. A textile toy must, to this end, be washable, except if it contains a mechanism that may be damaged if soak washed. The manufacturer should, if applicable, provide instructions on how the toy has to be cleaned.
- 2) CE marking should be visible from outside the packaging and its height must be at least 5mm.
- 3) Manufacturer's and Importer's name, registered trade name or registered trade mark and the address at which the manufacturer can be contacted must be indicated on the toy or, where that is not possible, on its packaging or in a document accompanying the toy.
- 4) Manufacturers must ensure that their toys bear a type, batch, serial or model number or other element allowing their identification, or where the size or nature of the toy does not allow it, that the required information is provided on the packaging or in a document accompanying the toy.

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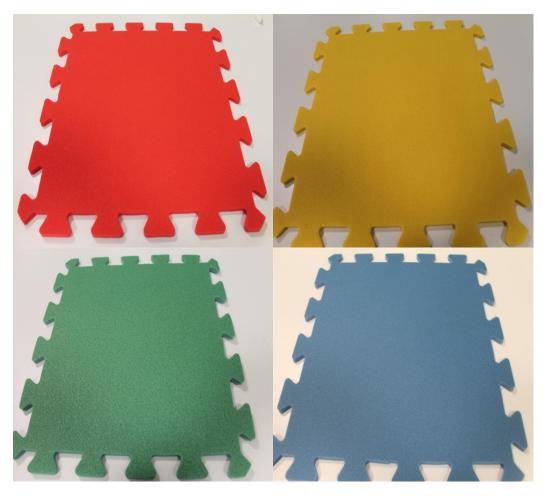
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