



## TEST REPORT

Job No./Report No TR503218

Date:29 July 2013

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### ÖRMO YÜN İPLİK SAN VE TIC AŞ

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**To the attention of Hande Ucan Evirgen**

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

Sample No.	Sample Description
A	Thread sample 111388-1061 in purple

Client's reference No. : TR 503218  
Buyer : Hardline  
Division : Toy  
Order No. : Not Provided  
Model/Style No. : 111388-1067  
Article No. : Not Provided  
Age Grade : Not Provided  
Manufacturer : ORMO YUN IPLİK SAN. ve TIC A.Ş  
Country of Origin : Turkey  
Country of Destination : England  
Shipment Date : Not Provided  
End Use : Not Provided  
Agency : Not Provided  
Sample Receiving Date : 24 July 2013  
Test Performing Period : 24 July 2013 ~ 29 July 2013  
**Submitted Care Label Instructions** : Not Provided  
  
**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.

CTSL-F-5.10-1NF/01.06.2013/Rev.2

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Test Parameters	Result
<b>Chemical tests</b>	<b>A1</b>
European Directive 2009/48/EC-Migration of certain elements-Category III (By first action method)	M

Remarks	:	M = Meets client's requirement
		F = Below client's requirement
		I = Inconclusive
		* = No specified requirement
Notes:	Conclusions on meet/fail are based 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 authorised signatures are invalid.  
 Reported results do not include uncertainties.  
 In this Test Report tests marked (1) are included in the UKAS Accreditation Scope, marked (2) are included in the DAkKS Accreditation Scope of this Laboratory.  
 Opinions and interpretations expressed here in are outside the scope of UKAS or DAkKS Accreditation

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

Eylem Yıldızlı  
 Customer Services Supervisor

Ayşe Çimen  
 Customer Services Manager




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

Sample No.	Sample Description	Material No.	Component	Material	Colour	Fiber Type*
A	Thread Sample	A1	Thread Main	Textile	Purple	N/A

\*This fiber type identification is for the selection of azo dye testing procedure(i.e. EN 14362-1/3:2012)

**Note:**

Type A=Textile contains natural fibers only and/or regenerated fibers exclude the group of acetate.

Type B=Textile contains polyester fibers only

Type C=Textile contains man-made fibers and/or man-made blended fibers(except polyester fibers)

N/A:Not Applicable

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### European Directive 2009/48/EC-Migration of certain elements-Category III<sup>2</sup>

Test Method:

With reference to EN71-3:2013. Analysis of general elements was performed by ICP-OES

Test Item		A1	Reporting Limit (mg/kg)	Permissible Limit (mg/kg)
Soluble Aluminium	(Al)	ND	50	70,000
Soluble Antimony	(Sb)	ND	10	560
Soluble Arsenic	(As)	ND	10	47
Soluble Barium	(Ba)	ND	50	18,750
Soluble Boron	(B)	ND	50	15,000
Soluble Cadmium	(Cd)	ND	10	17
Soluble Chromium	(Cr)	ND	0.15	--
Soluble Chromium (III) <sup>#</sup>	(Cr (III))	NC	1	460
Soluble Chromium (VI) <sup>#</sup>	(Cr (VI))	NC	0.18	0.2
Soluble Cobalt	(Co)	ND	10	130
Soluble Copper	(Cu)	ND	50	7,700
Soluble Lead	(Pb)	ND	10	160
Soluble Manganese	(Mn)	ND	50	15,000
Soluble Mercury	(Hg)	ND	10	94
Soluble Nickel	(Ni)	ND	10	930
Soluble Selenium	(Se)	ND	10	460
Soluble Strontium	(Sr)	ND	50	56,000
Soluble Tin	(Sn)	ND	4.9	180,000
Soluble Organic Tin <sup>^</sup>	--	NC	0.5	12
Soluble Zinc	(Zn)	ND	50	46,000
<b>Conclusion</b>		<b>Pass</b>	--	--

- Note :
1. mg/kg = milligram per kilogram
  2. ND = Not Detected
  3. 1% = 10000 mg/kg = 10000 ppm
  4. NC=Not conducted

- <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 EN71-3: 2013.

- <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 EN71-3: 2013.

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\* \* \* End of Test Report \* \* \*

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