

TEST REPORT

Job No./Report No TR597538

Date:2 May 2014

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ÖRMO YÜN İPLİK SAN VE TIC AŞ
 GOLYOLU HARMANSAZI MEVKII 16800 ORHANGAZI BURSA
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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	Hand Knitting Yarn

Client's reference No. : TR 597538
 Buyer : Hardline
 Order No. : Not Provided
 Division : Toy
 Model/Style No. : 111679-3669
 Article No. : Not Provided
 Age Grade : Not Provided
 Manufacturer : Not Provided
 Country of Origin : TURKEY
 Country of Destination : ENGLAND
 Shipment Date : Not Provided
 End Use : Not Provided
 Sample Receiving Date : 28 April 2014
 Test Performing Period : 28 April 2014 ~ 2 May 2014
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
Chemical tests	A1
European Directive 2009/48/EC-Migration of certain elements-Category III (By the first action test 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 authorized signatures are invalid.
Reported results do not include uncertainties.
In this Test Report tests marked (1) are included in the IAS Accreditation Scope of this Laboratory. Opinions and interpretations expressed herein are outside the scope of IAS Accreditation.

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

Eylem Yıldızlı
Customer Services Supervisor

Fatih Çakır
RSTS Manager




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Component List / List of Materials for Chemical Test

Sample No.	Sample Description	Material No.	Component	Material	Colour
A	Hand Knitting Yarn	A1	Yarn main	Textile	Blue

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European Directive 2009/48/EC-Migration of certain elements-Category III¹				
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) [#]	(Cr (III))	NC	1	460
Soluble Chromium (VI) [#]	(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 [^]	--	NC	0.5	12
Soluble Zinc	(Zn)	ND	50	46,000
Conclusion		Pass	--	--

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

- [#] 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.
- [^] 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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