



TEST REPORT

Technical Report: (9312)325-0603

Nov 26, 2012

Date Received: Nov 20, 2012

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BETTER SOLUTION GRAPHICS CO., LTD
BUILDING 10, NO 358, SHINAN ROAD,DONGYONG,PANYU,GUANGZHOU

Sample Description: Sample(s) received is/are stated to be:
Flat Ink Transfer with migration resistant layer

Color:	Gold / Sliver / Cyan /Magenta / Yellow / Black	Style No(s):	/
Order No.:	/	PO No.:	/
Age Grade:	/	Product End Use:	Garment accessories
Vendor:	/	Retest No.:	/
Manufacturer:	/	Supplier Reference:	/
Buyer:	/	Country of Origin:	/
Test Period:	Nov 20, 2012 to Nov 26, 2012	Country of Destination:	/
Fiber Content:	/		
Care Instruction:	/		

SAMPLE DESCRIPTION ASSIGNED BY LABORATORY

ITEM	ITEM DESCRIPTION
1	Silvery/ black plastic
2	Shiny black/ black plastic
3	Blue/ black plastic
4	Light brown/ black plastic
5	Pink/ black plastic
6	Yellow/ black plastic

SUMMARY OF TEST RESULTS

TEST REQUESTED	CONCLUSION	REMARK
MIGRATION OF CERTAIN ELEMENTS - EUROPEAN STANDARD EN 71 PART 3: 1994 WITH AMENDMENTS A1: 2000 AND AC: 2002	PASS	

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BUREAU VERITAS CONSUMER PRODUCTS SERVICES (GUANGZHOU) CO., LTD

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REMARK

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Photo of the Submitted Sample





TEST RESULT

Migration of Certain Elements - European Standard EN 71 Part 3: 1994 with Amendments A1: 2000 and AC: 2002

Test Method : European Standard EN 71 Part 3: 1994 with Amendments A1: 2000 and AC: 2002, Section 8.

Soluble Element(s)		As	Ba	Cd	Cr	Hg	Pb	Sb	Se
Maximum Allowable Limit (mg/kg) (See Comment for the List of Material Types)	All materials except modelling clay (Type I to VII, IX & X)	25	1 000	75	60	60	90	60	50 0
	Modelling clay (Type VIII)	25	250	50	25	25	90	60	50 0
Analytical Correction (%)		60	30	30	30	50	30	60	60

-	Unit	Result		
Test Item(s)	-	1	2	3
Type	-	II	II	II
Parameter	-	-	-	-
Mass of Trace Amount	g	-	-	-
Soluble Arsenic (As)	mg/kg	ND	ND	ND
Soluble Barium (Ba)	mg/kg	ND	ND	ND
Soluble Cadmium (Cd)	mg/kg	ND	ND	ND
Soluble Chromium (Cr)	mg/kg	ND	ND	ND
Soluble Mercury (Hg)	mg/kg	ND	ND	ND
Soluble Lead (Pb)	mg/kg	ND	ND	ND
Soluble Antimony (Sb)	mg/kg	8.72	ND	ND
Soluble Selenium (Se)	mg/kg	ND	ND	ND
Conclusion	-	PASS	PASS	PASS



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TEST RESULT

-	Unit	Result		
Test Item(s)	-	4	5	6
Type	-	II	II	II
Parameter	-	-	-	-
Mass of Trace Amount	g	-	-	-
Soluble Arsenic (As)	mg/kg	ND	ND	ND
Soluble Barium (Ba)	mg/kg	ND	ND	ND
Soluble Cadmium (Cd)	mg/kg	ND	ND	ND
Soluble Chromium (Cr)	mg/kg	ND	ND	ND
Soluble Mercury (Hg)	mg/kg	ND	ND	ND
Soluble Lead (Pb)	mg/kg	ND	ND	ND
Soluble Antimony (Sb)	mg/kg	ND	ND	ND
Soluble Selenium (Se)	mg/kg	ND	ND	ND
Conclusion	-	PASS	PASS	PASS

Note / Key :

ND = Not detected “>” = Greater than NR = Not requested

mg/kg = milligram(s) per kilogram = ppm = part(s) per million

% = percent g = gram(s)

Detection Limit (mg/kg) :

For Type I to VII, IX & X - As : 2.5; Ba : 100; Cd : 7.5; Each (Cr, Hg, & Sb) : 6.0; Pb : 9.0; Se : 50

For Type VIII - Each (As, Cr & Hg) : 2.5; Ba : 25; Cd : 5.0; ; Pb : 9.0; Sb : 6.0 Se : 50

Comment :

List of Material Types :			
Type	Material Description	Type	Material Description
I	Coatings	VI	Other materials whether mass coloured or not
II	Polymeric materials	VII	Materials intended to leave a trace
III	Paper and paper board	VIII	Pliable modeling materials - modelling clay
IV	Textiles	IX	Pliable modeling materials - non-modelling clay
V	Glass/ Ceramic/ Metallic materials	X	Paints, varnishes lacquers, glazing powders and similar materials in solid or in liquid form

END