

TEST REPORT

REPORT NUMBER : TURA160122621
APPLICANT NAME **Bilgi Dağ. Kitap Kırt. ve Büro Malz. Tic. Ltd. Şti.**
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Attention : Ahmet Yüksel (ayuksel@bilgi-dagitim.com)
SAMPLE DESCRIPTION : Five colours notebook cover
BUYER : TÜKID
DATE IN : 18 July, 2016 (15:21)
DATE OUT : 25 July, 2016
PRODUCT CODE : BIG POINT-BP790 / PARROT – PR850

PHOTO OF PRODUCT TESTED :



Uğur Yılmaz
Coordinator



Zeynep Akın
Chemical Laboratory Manager

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160122621

Code	Test Method	Result	Requirements
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Part No	Tested Sample
1	Pink notebook cover
2	Blue notebook cover
3	Transparent notebook cover
4	Yellow notebook cover
5	Green notebook cover

Code	Test Method	Result	Requirements
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RESULTS :

Analysis Parameter	Reference Analysis Method	PASS	FAIL	Norm Limit	Standard for Norm Limit	Tested Sample
Determination of Cadmium Content	BS EN 1122:2001 (Method B)	P	-	1000 ppm (0.1%) for painted products 100 ppm (0.01%) for plastic materials	Reach Annex XVII	Part 1-5
Toxic Element Analysis	BS EN 71-3:1995	P	-	Sb: 60 ppm As: 25 ppm Ba: 1000 ppm Cd: 75 ppm Cr: 60 ppm Pb: 90 ppm Hg: 60 ppm Se: 500 ppm	EN 71-3	Part 1-5

P = MEETS BUYER' S REQUIREMENT / F = DOES NOT MEET BUYER' S REQUIREMENT / NR = NO REQUIREMENT / SC=STILL CONTINUES / X=NOT PERFORMED

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Code	Test Method	Result	Requirements
Determination of Cadmium Content			
BS EN 1122:2001 (Method B) and IHTM AL.2.004 : 2001 using microwave or acid digestion			
Part 1		<5 ppm	100 ppm (0.01%)
Part 2		<5 ppm	100 ppm (0.01%)
Part 3		<5 ppm	100 ppm (0.01%)
Part 4		<5 ppm	100 ppm (0.01%)
Part 5		<5 ppm	100 ppm (0.01%)

ppm (part per million) =mg / kg
Detection Limit =5 ppm
< =Less Than
% =Percentage based on dry weight of sample

REMARK : As per Cadmium Content Requirement in Annex XVII item 23 of the REACH Regulation (EC) No: 1907/2006 (Formerly Known as Directive 91/338/EEC), Acid Digestion Method was used Total Cadmium Content was determined by ICP-OES

Estimated Total Uncertainty = $\pm 4\%$

- Note:Requirement is based on the Announcement dated January 14, 2015 Official Gazette No. 29236 by the Ministry of Customs and Trade "Notification on Market Supervision and Control for Hazardous Chemical Content of Some Consumer Products"

Code	Test Method	Result	Requirements
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Toxic Elements Analysis

BS EN 71-3:1995

Acid extraction method was used and toxic elements content were determined by Inductively Coupled Plasma-ICP_OES.

		<u>Part 1</u>	<u>Part 2</u>	<u>Part 3</u>	<u>Part 4</u>	<u>Part 5</u>
Antimony	(Sb)	ND	ND	ND	ND	ND
Arsenic	(As)	ND	ND	ND	ND	ND
Barium	(Ba)	ND	ND	ND	ND	ND
Cadmium	(Cd)	ND	ND	ND	ND	ND
Chromium	(Cr)	ND	ND	ND	ND	ND
Lead	(Pb)	ND	ND	ND	ND	ND
Mercury	(Hg)	ND	ND	ND	ND	ND
Selenium	(Se)	ND	ND	ND	ND	ND

		<u>Detection Limit</u>	<u>Requirement (ppm)</u>
Antimony	(Sb)	2 ppm	<60
Arsenic	(As)	2 ppm	<25
Barium	(Ba)	2 ppm	<1000
Cadmium	(Cd)	2 ppm	<75
Chromium	(Cr)	5 ppm	<60
Lead	(Pb)	5 ppm	<90
Mercury	(Hg)	2 ppm	<60
Selenium	(Se)	2 ppm	<500

(Total uncertainty=Results quoted have been corrected for uncertainty)

ppm (Part per million)

<
ND

=mg / kg

=Less Than

=Not Detected (Tespit Edilmedi)

Remark: Requirement is based on the Announcement dated April 2 , 2011 Official Gazette No. 28270 by the Ministry of Industry and Trade 'Notification On Market Supervision And Controls Regarding Hazardous Chemical Contents Of Some End- User Product.

END OF TEST REPORT