

TEST RAPORU

REPORT NUMBER : TURT190127473
APPLICANT NAME **Bilgi Dağ. Kitap Kırt. ve Büro Malz. Tic. Ltd. Şti.**
ADDRESS Merkez Mah. 29 Ekim Cad.No:53 Bahçelievler/İstanbul
Tel: 0212 551 00 92 Fax:0212 551 09 57
Attention: Efe Yüksel (efe@bilgi-dagitim.com)
SAMPLE DESCRIPTION : One sample of Correction tape
BUYER : METRO BTS
DATE IN : 12 July, 2019 (10:12)
DATE OUT : 23 July, 2019
MANUFACTURER : BİLGİ DAĞ KİTAP KIRT. VE BÜRO MALZ. TIC. LTD ŞTİ.
ITEM CODE : BP601
PHOTO OF PRODUCT TESTED SAMPLE :



RESULTS : See Attachment

NOTE: Only correction tape and transparent plastic parts were tested by the request of the applicant



Begüm Nazlı Traş
Customer Care Executive



Zeynep AKIN
Chemical Laboratory Manager

Intertek Test Hizmetleri A.S.
Merkez Mahallesi Sanayi Cad. No: 23 Altındağ Plaza Yenibosna 34197 - ISTANBUL / TURKEY
Phone : +90.212. 496 46 46 Fax : +90.212. 452 80 55
e-mail : intertekcg.turkiye@intertek.com
www.intertek-turkey.com



190127473

RESULTS :

Analysis Parameter	Reference Analysis Method	PASS	FAIL	Norm Limit	Standard for Norm Limit	Tested Part
Migration Of Certain Elements	EN 71-3:2013+A3:2018	P	-	See Toxic Element Analysis	Toys Safety Directive	Part 1,2
Total Phthalate Content	INTERTEK IHTM AL.2.026 based on EN 14372 : 2004 according to REACH Regulation	P	-	DBP/DEHP/BBP : 1000 ppm DINP/DNOP/ DIDP :1000 ppm	KKDIK	Part 1,2

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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Part No	Tested Part
1	White corrector
2	Transparent plastic body

Remark: Only suitable parts tested for the related tests.

MIGRATION OF CERTAIN ELEMENTS

EN 71-3:2013+A3:2018

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

	Results (mg/kg)				Detection Limit (mg/kg)	Requirements (mg/kg) Category II
	Part 1					
Antimony (Sb)	ND				0,125	11,3
Arsenic (As)	ND				0,125	0,9
Barium (Ba)	2.3				0,125	375
Cadmium (Cd)	ND				0,125	0,3
Chromium (III) **	ND				0,125	9,4
Chromium (VI) **	ND				0,005	0,005
Lead (Pb)	0.4				0,125	0.5
Mercury (Hg)	ND				0,125	1,9
Selenium (Se)	ND				0,0125	9,4
Aluminium (Al)	89				0,125	1406
Boron (B)	2.7				0,125	300
Cobalt (Co)	ND				0,125	2,6
Copper (Cu)	ND				0,125	156
Manganese (Mn)	2.4				0,125	300
Nickel (Ni)	ND				0,125	18,8
Strontium (Sr)	10.7				0,125	1125
Tin (Sn)	ND				0,125	3750
Organic tin **	ND				0.125	0,2
Zinc (Zn)	ND				1.25	938

**= Unless the test results were marked with "#" or "Δ", Chromium (III) & Chromium (VI) and Organic tin contents were not directly determined and were derived from migration results of total chromium and tin respectively.
= Confirmation of Chromium (VI) test was performed on the tested component. And the reported value of migration of Chromium (III) = migration value of total Chromium - migration value of Chromium(VI).
Δ = Confirmation test was performed on the tested component. The reported value was the sum of the migration values of Organotins which are specified Table 3 and Annex J -Table J.1 after converted to Tributyl tin by calculation.

ppm (Part per million) =mg / kg
< =Less Than
ND =Not Detected

MIGRATION OF CERTAIN ELEMENTS

EN 71-3:2013+A3:2018

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

	Results (mg/kg)				Detection Limit (mg/kg)	Requirements (mg/kg) Category III
	Part 2					
Antimony (Sb)	ND				0,125	560
Arsenic (As)	ND				0,125	47
Barium (Ba)	ND				0,125	18750
Cadmium (Cd)	ND				0,125	17
Chromium (III) **	ND				0,125	460
Chromium (VI) **	ND				0,125	0.2
Lead (Pb)	ND				0,125	23
Mercury (Hg)	ND				0,125	94
Selenium (Se)	ND				0,0125	460
Aluminium (Al)	ND				0,125	70000
Boron (B)	ND				0,125	15000
Cobalt (Co)	ND				0,125	130
Copper (Cu)	ND				0,125	7700
Manganese (Mn)	ND				0,125	15000
Nickel (Ni)	ND				0,125	930
Strontium (Sr)	ND				0,125	56000
Tin (Sn)	ND				0,125	180000
Organic tin **	ND				0.125	12
Zinc (Zn)	ND				1.25	46000

**= Unless the test results were marked with "#" or "Δ", Chromium (III) & Chromium (VI) and Organic tin contents were not directly determined and were derived from migration results of total chromium and tin respectively.

= Confirmation of Chromium (VI) test was performed on the tested component. And the reported value of migration of Chromium (III) = migration value of total Chromium - migration value of Chromium(VI).

Δ = Confirmation test was performed on the tested component. The reported value was the sum of the migration values of Organotins which are specified Table 3 and Annex J -Table J.1 after converted to Tributyl tin by calculation.

ppm (Part per million)

=mg / kg

<

=Less Than

ND

=Not Detected

TOTAL PHTHALATE CONTENT

INTERTEK IHTM AL.2.026 based on EN 14372 : 2004 according to REACH Regulation

	Part 1	Part 2
DIBUTYL PHTHALATE (DBP)	ND	ND
DIETHYL HEXYL PHTHALATE (DEHP)	ND	ND
BENZYL BUTYL PHTHALATE (BBP)	ND	ND
SUM OF THREE PHTHALATES	ND	ND
DI-ISO-NONYL PHTHALATE (DINP)	ND	ND
DI-N-OCTYL PHTHALATE (DNOP)	ND	ND
DI-ISO-DECYL PHTHALATE (DIDP)	ND	ND
SUM OF THREE PHTHALATES	ND	ND

ND =Not Detected
ppm (part per million) =mg / kg
Detection Limit = DINP,DIDP : 100 ppm, Other Phthalates : 10 ppm
< =Less Than
* =EXCEEDED LIMIT
LIMIT (MAX.) =DBP,DEHP,BBP < 1000 ppm ; DINP, DNOP, DIDP < 1000 ppm

END OF TEST REPORT