

TEST RAPORU

REPORT NUMBER : TURT190127432
APPLICANT NAME **Bilgi Dağ. Kitap Kirt. ve Büro Malz. Tic. Ltd. Şti.**
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Attention: Efe Yüksel (efe@bilgi-dagitim.com)
SAMPLE DESCRIPTION : One sample of Clip board
BUYER : METRO BTS
DATE IN : 12 July, 2019 (09:59)
DATE OUT : 24 July, 2019
MANUFACTURER : BİLGİ DAĞ KİTAP KIRT. VE BÜRO MALZ. TİC. LTD ŞTİ.
ITEM CODE : BP145-55
PHOTO OF PRODUCT TESTED SAMPLE :



RESULTS : See Attachment

Begüm Nazlı Traş

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Zeynep AKIN

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Chemical Laboratory Manager

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190127432

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 |
| 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 | Green/pink plastic main fabric |
| 2 | Transparent plastic part |

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 III |
|-------------------|-----------------|--|--|--|----------------------------|---|
| | Part 1 | | | | | |
| 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 | | | | 0,0125 | 94 |
| Selenium (Se) | ND | | | | 0,125 | 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 | | | | 1,25 | 180000 |
| Organic tin ** | ND | | | | 0,125 | 12 |
| Zinc (Zn) | ND | | | | 0,125 | 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

| | <u>Part 1</u> | <u>Part 2</u> |
|--------------------------------|---------------|---------------|
| 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