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|---|
| AB-0690-T |
| TR2710664-RV1 |
| 10-25 |

# TEST REPORT

Job No./Report No TR2710664-RV1 Date: 23 October 2025 

**RENK PLASTİK SANAYİ VE TİC LTD. ŞTİ.**
MAHMUTBEY MAH. 2429. SOK. NO: 5-7 (İSTOÇ 10. ADA) BAĞCILAR/İSTANBUL
**TEL:** 0212 659 08 77

**To the attention of Oğuzhan Batal**

The following sample(s) was (were) submitted and identified by/on behalf of the client as:

| Sample No. | Sample Description |
|---|---|
| A | PLASTIC TOOL BOX, ORGANIZER, STORAGE BOX, HARD CASE, BINS - DRAWER |

| | | |
|---|---|---|
| Client's reference No. | : | TR 2710664-RV1 |
| Color | : | BLACK-TRANSPARENT-BLUE-YELLOW |
| Article Code | : | C.O-16, MK-40, NB-12, PCS-17, SPC-1220, S.ORG-9 |
| Product Code | : | SEE BELOW THE NEXT PAGE 2 |
| Manufacturer | : | RENK PLASTİK SANAYİ VE TİC LTD. ŞTİ. |
| Sample Receiving Date | : | 07 October 2025 |
| Resubmit Date | : | 23 October 2025 |
| Test Performing Period | : | 07 October 2025~14 October 2025 |
| **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. |

* Remark(s):
1 - Client provided declaration that below samples are made of the same material and color which are different on the shape and size merely.

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| ÜRÜN KODLARI | | | | |
|---|---|---|---|---|
| C.O-13 | JPT-22 | ORG-10 | G-25 | MK-60 |
| C.O-16 | ALC-20 | ORG-13 | G-30 | TB-16 |
| C.O-18 | ALC-22 | ORG-18 | G-35 | TG-16 |
| C.O-21 | JALC-20 | ORG-24 | G-40 | TC-16 |
| C.OR-13 | JALC-22 | S-ORG-5 | G-45 | TB-20 |
| C.OR-16 | TKM-28 | S-ORG-7 | G-10 SET | TG-20 |
| C.OR-18 | TKP-28 | S-ORG-9 | S-10 | TC-20 |
| C.OR-21 | TKP-28 | S-ORG-11 | S-15 | S-202 |
| C.S-13 | ET-12 | S-ORG-13 | S-20 | S-101 |
| C.S-16 | ET-16 | S-ORG-15 | S-25 | BC-301 |
| C.S-18 | ST-12 | T-ORG-7 | S-30 | BT-001 |
| C.S-21 | ST-16 | T-ORG-11 | S-35 | TPS-01 |
| C.SR-13 | BL.O-14 | TOC-13 | S-40 | TPS-02 |
| C.SR-16 | BL.O-16 | TOB-13 | S-45 | RF-304 |
| C.SR-18 | BL.O-17 | NB-12 | S-10 SET | RF-404 |
| C.SR-21 | BL.O-20 | NB-20 | K-10 | RF-454 |
| MT-13 | R.O-17 | NB-21 | K-20 | RF-305 |
| MT-16 | R.O-21 | NB-30 | K-30 | RF-405 |
| MT-19 | MG-13 | NB-42 | K-31 | RF-455 |
| MT-22 | MG-16 | NB-60 | K-32 | MTC-200 |
| MT-26 | MG-19 | SB-12 | K-35 | MTC-230 |
| MTG-13 | MG-22 | SB-20 | K-40 | MTC-300 |
| MTG-16 | MGP-13 | SB-21 | K-45 | MTC-330 |
| MTG-19 | MGP-16 | SB-30 | K-50 | MTC-360 |
| MTG-22 | MGP-19 | SB-42 | K-55 | MTC-430 |
| MTG-26 | MGP-22 | SB-60 | K-56 | MTC-460 |
| PT-13 | H-14 | R-10 | K-60 | SPC-1020 |
| PT-16 | K-ORG-10 | R-15 | MK-10 | SPC-1030 |
| PT-19 | PC-17 | R-20 | MK-20 | SPC-1120 |
| PT-22 | PCS-17 | R-25 | MK-30 | SPC-1130 |
| PT-26 | DMC-35 | R-30 | MK-31 | SPC-1220 |
| JMT-13 | DMC-50 | R-35 | MK-32 | SPC-1230 |
| JMT-16 | H-ORG-9 | R-40 | MK-35 | SPC-1320 |
| JMT-19 | H-ORG-11 | R-45 | MK-40 | SPC-1330 |
| JMT-22 | CB-01 | R-10 SET | MK-45 | SPC-1420 |
| JPT-13 | CB-02 | G-10 | MK-50 | SPC-1520 |
| JPT-16 | ORG-5 | G-15 | MK-55 | SPC-1530 |
| JPT-19 | ORG-7 | G-20 | MK-56 | |

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| Test Parameters | Result | | | | | |
|---|---|---|---|---|---|---|
| **Chemical tests** | **A1** | **A2** | **A3** | **A4** | **A5** | **A6** |
| Migration of Certain Elements - Category III | M | M | M | M | M | M |
| Migration of Certain Elements - Category III - Chromium VI Confirmation | M | M | M | - | - | M |

| Test Parameters | Result | | | |
|---|---|---|---|---|
| **Chemical tests** | **A7** | **A6 + A7** | **A1 + A2 + A3** | **A4 + A5** |
| Polycyclic Aromatic Hydrocarbons (PAHs) Content for REACH | - | M | M | M |
| Phthalates | - | M | M | M |
| Migration of Certain Elements - Category III | M | - | - | - |
| Migration of Certain Elements - Category III - Chromium VI Confirmation | M | - | - | - |

| | |
|---|---|
| Remarks | M = Meets client's requirement |
| | F = Does not meet 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. |

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The test results relate to the tested items only.
Test reports without SGS seal and authorised signatures are invalid.

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

**IN THIS REVISED-1 REPORT, SAMPLE DESCRIPTION AND SAMPLE PHOTOS WERE EDITED, ARTICLE AND PRODUCT CODE WERE ADDED BY THE REQUEST OF THE APPLICANT.**

**THIS REPORT SUPERSEDES OUR REPORT NO: 2710664 DATED 14.10.2025**

| | |
|---|---|
| RAVİYE MUTLU<br>Customer Services Supervisor | Bora Şirinbilek<br>Hardline C&PC Testing Services Manager |
|  |  |

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# TEST REPORT



## Component List / List of Materials for Chemical Test

| Sample No. | Sample Description | Material No. | Component | Material | Colour |
|---|---|---|---|---|---|
| A | PLASTIC TOOL BOX, ORGANIZER, STORAGE BOX, HARD CASE, BINS - DRAWER | A1 | Cover main (3 part) | Plastic | Orange |
| A | PLASTIC TOOL BOX, ORGANIZER, STORAGE BOX, HARD CASE, BINS - DRAWER | A2 | Screw box main | Plastic | Blue |
| A | PLASTIC TOOL BOX, ORGANIZER, STORAGE BOX, HARD CASE, BINS - DRAWER | A3 | Screw box inner part | Plastic | Transparent |
| A | PLASTIC TOOL BOX, ORGANIZER, STORAGE BOX, HARD CASE, BINS - DRAWER | A4 | Box body main | Plastic | Black |
| A | PLASTIC TOOL BOX, ORGANIZER, STORAGE BOX, HARD CASE, BINS - DRAWER | A5 | Big box cover main | Plastic | Transparent |
| A | PLASTIC TOOL BOX, ORGANIZER, STORAGE BOX, HARD CASE, BINS - DRAWER | A6 | Bag body main | Plastic | Black |
| A | PLASTIC TOOL BOX, ORGANIZER, STORAGE BOX, HARD CASE, BINS - DRAWER | A7 | Small box cover main | Plastic | Transparent |

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**Polycyclic Aromatic Hydrocarbons (PAHs) Content for REACH[1]**

Test Method: With reference to AfPS GS 2019:01 PAK - Analysis by GC-MS

| | CAS-No. | Result (mg/kg) A1+A2+A3 | A4+A5 | A6+A7 |
|---|---|---|---|---|
| Benz(a)anthracene (BaA) | 56-55-3 | n.d. | n.d. | n.d. |
| Chrysene (CHR) | 218-01-9 | n.d. | n.d. | n.d. |
| Benzo(b)fluoranthene (BbF) | 205-99-2 | n.d. | n.d. | n.d. |
| Benzo(k)fluoranthene (BkF) | 207-08-9 | n.d. | n.d. | n.d. |
| Benzo[j]fluoranthene (BjF) | 205-82-3 | n.d. | n.d. | n.d. |
| Benzo[e]pyrene (BeP) | 192-97-2 | n.d. | n.d. | n.d. |
| Benzo(a)pyrene (BaP) | 50-32-8 | n.d. | n.d. | n.d. |
| Dibenz[a,h]anthracene (DBA) | 53-70-3 | n.d. | n.d. | n.d. |
| **Conclusion of EU 8 PAHs+** | **-** | **Pass** | **Pass** | **Pass** |

Notes:

n.d. = not detected

Reporting Limit = 0,10 mg/kg

**Requirement according to REACH Annex XVII Entry 50 Paragraph 5 to 8 and Entry 72 =**

| Parameter | CAS No. | Permissible Limit: Consumer Product | Toy or Childcare Product | Textile or Footwear product |
|---|---|---|---|---|
| Benz[a]anthracene | 56-55-3 | 1.0 | 0.5 | 1.0 |
| Benzo[b]fluoranthene / Benz[e]acephenanthrylene | 205-99-2 | 1.0 | 0.5 | 1.0 |
| Benzo[a]pyrene | 50-32-8 | 1.0 | 0.5 | 1.0 |
| Benzo[e]pyrene | 192-97-2 | 1.0 | 0.5 | 1.0 |
| Benzo[j]fluoranthene | 205-82-3 | 1.0 | 0.5 | 1.0 |
| Benzo[k]fluoranthene | 207-08-9 | 1.0 | 0.5 | 1.0 |
| Chrysene | 218-01-9 | 1.0 | 0.5 | 1.0 |
| Dibenz[a,h]anthracene | 53-70-3 | 1.0 | 0.5 | 1.0 |

Remark:

+ Conclusion is based on the limit specified by Entry 50 of Commission Regulation (EU) No 1272/2013 and Entry 72 of Regulation (EC) No 1513/2018 amending Annex XVII to Regulation (EC) No 1907/2006.

The permissible limit is specified in Entry 50 of Commission Regulation (EU) No 1272/2013 and Entry 72 of Regulation (EC) No 1513/2018 amending Annex XVII to Regulation (EC) No 1907/2006.

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**Phthalates[1]**

Test Method: With reference to EN 14372:2004 Clause 6.3.2 - Analysis by GC-MS

| | | Result (mg/kg) | | |
|---|---|---|---|---|
| **Component** | **Cas No** | **A1+A2+A3** | **A4+A5** | **A6+A7** |
| Dibutylphthalate (DBP) | 84-74-2 | n.d. | n.d. | n.d. |
| Benzylbutylphthalate (BBP) | 85-68-7 | n.d. | n.d. | n.d. |
| Bis-(2-ethylhexyl)phthalate (DEHP) | 117-81-7 | n.d. | n.d. | n.d. |
| Diisobutyl phthalate (DIBP) | 84-69-5 | n.d. | n.d. | n.d. |
| Di-C6-8 branched alkylphthalate (DIHP) | 71888-89-6 | n.d. | n.d. | n.d. |
| Bis (2-methoxyethyl) phthalate (DMEP) | 117-82-8 | n.d. | n.d. | n.d. |
| Diisopentylphthalate (DiPP) | 605-50-5 | n.d. | n.d. | n.d. |
| Di-n-pentylphthalate (DnPP) | 131-18-0 | n.d. | n.d. | n.d. |
| Di-n-Hexylphthalate (DnHP) | 84-75-3 | n.d. | n.d. | n.d. |
| Dicyclohexyl phthalate (DCHP) | 84-61-7 | n.d. | n.d. | n.d. |
| Di-isooctyl phthalate (DIOP) | 27554-26-3 | n.d. | n.d. | n.d. |
| Di-C7-11 branched alkylphthalate (DHNUP) | 68515-42-4 | n.d. | n.d. | n.d. |
| 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear (DPP) | 84777-06-0 | n.d. | n.d. | n.d. |
| Diisohexyl phthalate (DIHxP) | 71850-09-4 | n.d. | n.d. | n.d. |
| Sum of all phthalates | -- | n.d. | n.d. | n.d. |
| | **Conclusion** | **Pass** | **Pass** | **Pass** |

Note(s): n.d. = not detected
* = exceed the limit
# = result over 1/2 or 1/3 of client requirement. There is a possibility of failure on one or more components. Retesting on individual component is recommended to determine the compliance of each component to the requirement
Δ = result over 1/2 or 1/3 of client requirement. There is a possibility of failure on one or more components. Retesting on individual component has been carried out as requested to determine the compliance of each component to the requirement

Reporting Limit = Reporting Limit = 50 mg/kg (each)

**Recommended Max. Limit(s)=** 1000 mg/kg (Each or Sum)

Remark(s): Recommended Max. limit specified by Entry 72 of Regulation (EC) No 1513/2018 amending Annex XVII of REACH Regulation (EC) No 1907/2006.

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| **Directive 2009/48/EC and its Amendment Council Directive (EU) 2017/738, Commission Directive (EU) 2019/1922 - EN71-3: 2019 + A2:2024 – Migration of certain elements[1]** | | | | | | |
|---|---|---|---|---|---|---|
| Category III: Scrapped-off toy material | | | | | | |
| Test Method: | With reference to EN71-3:2019 + A2:2024. Analysis of general elements was performed by ICP-MS/ ICP-OES , Chromium (III) was obtained by calculation, Chromium (VI) was analyzed by LC-ICP-MS and Organic Tin was analyzed by GC-MS. | | | | | |
| Test Item | | Result | | | **Reporting Limit (mg/kg)** | **Permissible Limit EN71-3: 2019 + A2:2024 (mg/kg)** |
| | | **A1** | **A2** | **A3** | | |
| Mass of trace amount | - | - | - | - | - | - |
| Soluble Aluminum | (Al) | n.d. | n.d. | n.d. | 50 | 28130 |
| Soluble Antimony | (Sb) | n.d. | n.d. | n.d. | 10 | 560 |
| Soluble Arsenic | (As) | n.d. | n.d. | n.d. | 10 | 47 |
| Soluble Barium | (Ba) | n.d. | n.d. | n.d. | 50 | 18,750 |
| Soluble Boron | (B) | n.d. | n.d. | n.d. | 50 | 15,000 |
| Soluble Cadmium | (Cd) | n.d. | n.d. | n.d. | 5 | 17 |
| Soluble Chromium | (Cr) | - | - | - | 0.01 | -- |
| Soluble Chromium (III)# | (Cr (III)) | n.d. | n.d. | n.d. | 5 | 460 |
| Soluble Chromium (VI)# | (Cr (VI)) | n.d. | n.d. | n.d. | 0,01 | 0.053 |
| Soluble Cobalt | (Co) | n.d. | n.d. | n.d. | 10 | 130 |
| Soluble Copper | (Cu) | n.d. | n.d. | n.d. | 50 | 7,700 |
| Soluble Lead | (Pb) | n.d. | n.d. | n.d. | 10 | 23 |
| Soluble Manganese | (Mn) | n.d. | n.d. | n.d. | 50 | 15,000 |
| Soluble Mercury | (Hg) | n.d. | n.d. | n.d. | 10 | 94 |
| Soluble Nickel | (Ni) | n.d. | n.d. | n.d. | 10 | 930 |
| Soluble Selenium | (Se) | n.d. | n.d. | n.d. | 10 | 460 |
| Soluble Strontium | (Sr) | n.d. | n.d. | n.d. | 50 | 56,000 |
| Soluble Tin | (Sn) | n.d. | n.d. | n.d. | 4.9 | 180,000 |
| Soluble Organic Tin^ | -- | - | - | - | -- | 12 |
| Soluble Zinc | (Zn) | n.d. | n.d. | n.d. | 50 | 46,000 |
| **Conclusion** | | **Pass** | **Pass** | **Pass** | - | - |

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| | |
|---|---|
| Note: | - mg/kg = milligram per kilogram<br>- n.d. = Not Detected<br>- 1% = 10000 mg/kg = 10000 ppm<br><br>- # The test result of soluble chromium (III) and chromium (VI) were derived from soluble chromium screening and then confirmation test for soluble chromium (III) and soluble Chromium (VI) on component with soluble chromium exceeding the screening limit of 0.01 mg/kg soluble Cr.<br><br>- ^ The test result of soluble organic tin was derived from soluble tin screening and then confirmation test for soluble organic tin on component exceeding the screening limit of 4.9 mg/kg soluble Sn.<br><br>- Soluble Chromium (III) = Soluble Total Chromium – Soluble Chromium (VI) |

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| **Directive 2009/48/EC and its Amendment Council Directive (EU) 2017/738, Commission Directive (EU) 2019/1922 - EN71-3: 2019 + A2:2024 – Migration of certain elements[1]** | | | | | | |
|---|---|---|---|---|---|---|
| Category III: Scrapped-off toy material | | | | | | |
| Test Method: | With reference to EN71-3:2019 + A2:2024. Analysis of general elements was performed by ICP-MS/ ICP-OES , Chromium (III) was obtained by calculation, Chromium (VI) was analyzed by LC-ICP-MS and Organic Tin was analyzed by GC-MS. | | | | | |
| Test Item | | Result | | | **Reporting Limit (mg/kg)** | **Permissible Limit EN71-3: 2019 + A2:2024 (mg/kg)** |
| | | **A4** | **A5** | **A6** | | |
| Mass of trace amount | - | - | - | - | - | - |
| Soluble Aluminum | (Al) | n.d. | n.d. | n.d. | 50 | 28130 |
| Soluble Antimony | (Sb) | n.d. | n.d. | n.d. | 10 | 560 |
| Soluble Arsenic | (As) | n.d. | n.d. | n.d. | 10 | 47 |
| Soluble Barium | (Ba) | n.d. | n.d. | n.d. | 50 | 18,750 |
| Soluble Boron | (B) | n.d. | n.d. | n.d. | 50 | 15,000 |
| Soluble Cadmium | (Cd) | n.d. | n.d. | n.d. | 5 | 17 |
| Soluble Chromium | (Cr) | n.d. | n.d. | - | 0.01 | -- |
| Soluble Chromium (III)# | (Cr (III)) | - | - | n.d. | 5 | 460 |
| Soluble Chromium (VI)# | (Cr (VI)) | - | - | n.d. | 0,01 | 0.053 |
| Soluble Cobalt | (Co) | n.d. | n.d. | n.d. | 10 | 130 |
| Soluble Copper | (Cu) | n.d. | n.d. | n.d. | 50 | 7,700 |
| Soluble Lead | (Pb) | n.d. | n.d. | n.d. | 10 | 23 |
| Soluble Manganese | (Mn) | n.d. | n.d. | n.d. | 50 | 15,000 |
| Soluble Mercury | (Hg) | n.d. | n.d. | n.d. | 10 | 94 |
| Soluble Nickel | (Ni) | n.d. | n.d. | n.d. | 10 | 930 |
| Soluble Selenium | (Se) | n.d. | n.d. | n.d. | 10 | 460 |
| Soluble Strontium | (Sr) | n.d. | n.d. | n.d. | 50 | 56,000 |
| Soluble Tin | (Sn) | n.d. | n.d. | n.d. | 4.9 | 180,000 |
| Soluble Organic Tin^ | -- | - | - | - | -- | 12 |
| Soluble Zinc | (Zn) | n.d. | n.d. | n.d. | 50 | 46,000 |
| **Conclusion** | | **Pass** | **Pass** | **Pass** | - | - |

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|---|---|
| Note: | - mg/kg = milligram per kilogram<br>- n.d. = Not Detected<br>- 1% = 10000 mg/kg = 10000 ppm<br><br>- # The test result of soluble chromium (III) and chromium (VI) were derived from soluble chromium screening and then confirmation test for soluble chromium (III) and soluble Chromium (VI) on component with soluble chromium exceeding the screening limit of 0.01 mg/kg soluble Cr.<br><br>- ^ The test result of soluble organic tin was derived from soluble tin screening and then confirmation test for soluble organic tin on component exceeding the screening limit of 4.9 mg/kg soluble Sn.<br><br>- Soluble Chromium (III) = Soluble Total Chromium – Soluble Chromium (VI) |

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| **Directive 2009/48/EC and its Amendment Council Directive (EU) 2017/738, Commission Directive (EU) 2019/1922 - EN71-3: 2019 + A2:2024 – Migration of certain elements[1]** | | | | | | |
|---|---|---|---|---|---|---|
| Category III: Scrapped-off toy material | | | | | | |
| Test Method: | With reference to EN71-3:2019 + A2:2024. Analysis of general elements was performed by ICP-MS/ ICP-OES , Chromium (III) was obtained by calculation, Chromium (VI) was analyzed by LC-ICP-MS and Organic Tin was analyzed by GC-MS. | | | | | |
| Test Item | | Result | | | **Reporting Limit (mg/kg)** | **Permissible Limit EN71-3: 2019 + A2:2024 (mg/kg)** |
| | | **A7** | | | | |
| Mass of trace amount | - | - | | | - | - |
| Soluble Aluminum | (Al) | n.d. | | | 50 | 28130 |
| Soluble Antimony | (Sb) | n.d. | | | 10 | 560 |
| Soluble Arsenic | (As) | n.d. | | | 10 | 47 |
| Soluble Barium | (Ba) | n.d. | | | 50 | 18,750 |
| Soluble Boron | (B) | n.d. | | | 50 | 15,000 |
| Soluble Cadmium | (Cd) | n.d. | | | 5 | 17 |
| Soluble Chromium | (Cr) | - | | | 0.01 | -- |
| Soluble Chromium (III)# | (Cr (III)) | n.d. | | | 5 | 460 |
| Soluble Chromium (VI)# | (Cr (VI)) | n.d. | | | 0,01 | 0.053 |
| Soluble Cobalt | (Co) | n.d. | | | 10 | 130 |
| Soluble Copper | (Cu) | n.d. | | | 50 | 7,700 |
| Soluble Lead | (Pb) | n.d. | | | 10 | 23 |
| Soluble Manganese | (Mn) | n.d. | | | 50 | 15,000 |
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| Soluble Nickel | (Ni) | n.d. | | | 10 | 930 |
| Soluble Selenium | (Se) | n.d. | | | 10 | 460 |
| Soluble Strontium | (Sr) | n.d. | | | 50 | 56,000 |
| Soluble Tin | (Sn) | n.d. | | | 4.9 | 180,000 |
| Soluble Organic Tin^ | -- | - | | | -- | 12 |
| Soluble Zinc | (Zn) | n.d. | | | 50 | 46,000 |
| **Conclusion** | | **Pass** | | | - | - |

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