

TEST REPORT

Page 1 of 6

REPORT NUMBER : TURT260036859_REVISED02
APPLICANT NAME : Electran Metal Endüstri A.Ş. - Adana Şubesi
ADDRESS : Ceyhan yolu 30.km Yüreğir Adana / TÜRKİYE
TEL:0539 862 33 23
Attention : Özenç Özger (ozencozger@electran.com.tr)
SAMPLE DESCRIPTION : One sample of Aluminium wire rod
DATE IN : 30 March ,2026
RESUBMIT DATE : 15 April ,2026 /16 April ,2026
DATE OUT : 6 April ,2026 /15 April ,2026 /20 April ,2026
NOTE :
In this revised 01 report, Sample description was edited by the request of the applicant.
This report replaced the report no TURT260036859 dated on 06 April, 2026 and must be used instead of it.
Report no TURT260036859 dated on 06 April, 2026 is invalid.

In this revised 02 report, Sample description was changed by the request of the applicant.
This report replaced the report no TURT260036859_REV01 dated on 15 April, 2026 and must be used instead of it.
Report no TURT260036859_REV01 dated on 15 April, 2026 is invalid.
REQUEST. Rohs Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU

Melis Evci
Customer Care Executive

Emre ÇALIK
Chemical Laboratory Manager

TEST REPORT

| | | CONCLUSION |
|----------|--------------------|------------|
| PART | DESCRIPTION | |
| Sample 1 | Aluminium wire rod | Pass |

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TEST REPORT

20 April ,2026

REPORT : TURT260036859_REVISED02

Page 3 of 6

(A) TEST RESULT SUMMARY ACCORDING TO IEC 62321

Electrotechnical Products-Determination of Levels of Six Regulated Substances

| TESTING ITEM | RESULT |
|--------------------------------------------------------------|-----------------|
| | Sample 1 |
| Cadmium (Cd) Content | ND |
| Chromium VI (Cr+6) Content (ppm) (for non- metal) | NA |
| Chromium VI (Cr+6) Content (µg/cm ²) (for metal) | ND |
| Lead (Pb) Content | ND |
| Mercury (Hg) Content | ND |
| Flame Retardants | |
| Polybrominated Biphenyls (PBB) | NA |
| Monobromobiphenyl (MonoBB) | NA |
| Dibromobiphenyl (DiBB) | NA |
| Tribromobiphenyl (TriBB) | NA |
| Tetrabromobiphenyl (TetraBB) | NA |
| Pentabromobiphenyl (PentaBB) | NA |
| Hexabromobiphenyl (HexaBB) | NA |
| Heptabromobiphenyl (HeptaBB) | NA |
| Octabromobiphenyl (OctaBB) | NA |
| Nonabromobiphenyl (NonaBB) | NA |
| Decabromobiphenyl (DecaBB) | NA |
| Polybrominated Diphenyl Ethers (PBDE) | NA |
| Monobromodiphenyl Ether (MonoBDE) | NA |
| Dibromodiphenyl Ether (DiBDE) | NA |
| Tribromodiphenyl Ether (TriBDE) | NA |
| Tetrabromodiphenyl Ether (TetraBDE) | NA |
| Pentabromodiphenyl Ether (PentaBDE) | NA |
| Hexabromodiphenyl Ether (HexaBDE) | NA |
| Heptabromodiphenyl Ether (HeptaBDE) | NA |
| Octabromodiphenyl Ether (OctaBDE) | NA |
| Nonabromodiphenyl Ether (NonaBDE) | NA |
| Decabromodiphenyl Ether (DecaBDE) | NA |
| Phthalates | |
| Dibutyl phthalate (DBP) (84-74-2) | NA |
| Diethyl Hexyl Phthalate (DEHP) (117-81-7) | NA |
| Benzyl butyl phthalate (BBP) (85-68-7) | NA |
| Diisobutyl Phthalate (DIBP) (84-69-5) | NA |

Remarks : ppm=Parts per million based on dry weight of sample
 µg/cm²=Microgram per square centimetre
 mg/kg with 50 cm²=Milligram per kilogram with 50 square centimetre
 ND =Not detected NA =Not applicable NR =Not requested

TEST REPORT

20 April ,2026

REPORT : TURT260036859_REVISED02

Page 4 of 6

(B) REQUIREMENT:

| SUBSTANCE | LIMITS | |
|-------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| Cadmium (Cd) Content | 0.01 % (100 ppm) | |
| Chromium VI (Cr+6) Content (ppm) (for non metal) | 0.1 % (1000 ppm) | |
| Chromium VI (Cr+6) Content ($\mu\text{g}/\text{cm}^2$) (for metal) | <u>Colorimetric result</u> < 0.10 $\mu\text{g}/\text{cm}^2$ \geq 0.10 $\mu\text{g}/\text{cm}^2$ and \leq 0.13 $\mu\text{g}/\text{cm}^2$ > 0.13 $\mu\text{g}/\text{cm}^2$ | <u>Qualitative Result</u> Negative Inconclusive Positive |
| Lead (Pb) Content | 0.1 % (1000 ppm) | |
| Mercury (Hg) Content | 0.1 % (1000 ppm) | |
| Flame Retardants | 0.1 % (1000 ppm) | |
| Dibutyl Phthalate (DBP) | 0.1 % (1000 ppm) | |
| Diethyl Hexyl Phthalate (DEHP) | 0.1 % (1000 ppm) | |
| Benzyl Butyl Phthalate (BBP) | 0.1 % (1000 ppm) | |
| Diisobutyl Phthalate (DIBP) | 0.1 % (1000 ppm) | |

TEST REPORT

20 April ,2026

REPORT : TURT260036859_REVISED02

Page 5 of 6

(C) TEST METHOD :

| Testing Item | Testing Method | Reporting Limit | Uncertainty |
|------------------------------------|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|---------------------------------------------------------------------------------------------|
| Cadmium (Cd) Content | With reference to IEC 62321-5:2013,by microwave or acid digestion and determined by ICP-OES | Plastic: 10 ppm / Metal: 4 ppm / Seramic: 5 ppm | Metal- Pb&Cd&Cr:±13% Metal-Hg:±12% Plastic:±9% Ceramic/Glass:±10% Carton:±7% |
| Lead (Pb) Content | With reference to IEC 62321-5:2013,by microwave or acid digestion and determined by ICP-OES | Plastic: 10 ppm / Metal: 4 ppm / Seramic: 5 ppm | |
| Mercury (Hg) Content | With reference to IEC 62321-4:2013/AMD1:2017,by microwave or acid digestion and determined by ICP-OES | Plastic: 10 ppm / Metal: 10 ppm / Seramic: 5 ppm | |
| Chromium VI (Cr6+) (For non-metal) | With reference to IEC 62321-7-2:2017,by alkaline digestion and determined by UV-VIS spectrophotometer | Plastic 25 ppm (PVC Based) / 8,33 ppm (Other) | Plastic-PVC ±12% Plastic-PP ±5% Ceramic/Glass ±5% Carton:±11% |
| Chromium VI (Cr6+) (For metal) | With reference to IEC 62321-7-1:2015 ,by boiling water extraction and determined by UV-VIS spectrophotometer | 0,1 ppm with 50 cm2 (In testing solution) | ±13% |
| PBBs/PBDEs | With reference to IEC 62321-6:2015,by solvent extraction and determined by GC/MS and HPLC | 5 ppm | ±15% |
| Phthalates | With reference to IEC 62321-8 (111/321/CD), by solvent extraction and determined by GC-MS. | 20 ppm | Ultrasonic: ±16%, Soxhlet: ±10% |

TEST REPORT

REPORT : TURT260036859_REVISED02

20 April ,2026

Page 6 of 6

Sample 1



END OF TEST REPORT