



TEST REPORT

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REPORT NUMBER : TURR160030710
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SAMPLE DESCRIPTION : One sample of DİVORTEX RED SHINE
DATE IN : 23 February ,2016 (15:36)
DATE OUT : 26 February ,2016
REQUEST. RoHS Test was performed according to 2011/65/EU Directive.
RESULTS: See attachment

| | | CONCLUSION |
|----------|-------------|------------|
| PART | DESCRIPTION | |
| Sample 1 | Sample | Pass |

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(A) TEST RESULT SUMMARY ACCORDING TO IEC 62321 : 2008

Electrotechnical Products-Determination of Levels of Six Regulated Substances

| TESTING ITEM | RESULT |
|--|----------|
| | Sample 1 |
| | Part |
| Cadmium (Cd) Content | ND |
| Chromium VI (Cr+6) Content (ppm) (for non- metal) | ND |
| Chromium VI (Cr+6) Content (µg/cm ²) (for metal) | NA |
| 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 |

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

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(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 (µg/cm ²) (for metal) | |
| Lead (Pb) Content | 0.1 % (1000 ppm) |
| Mercury (Hg) Content | 0.1 % (1000 ppm) |
| Flame Retardants | 0.1 % (1000 ppm) |

(C) TEST METHOD :

| Testing Item | Testing Method | Reporting Limit |
|---------------------------------------|--|---|
| Cadmium (Cd)Content | With reference to IEC 62321-5:2013,by microwave or acid digestion and determined by ICP-OES | 2 ppm |
| Lead (Pb)Content | With reference to IEC 62321-5:2013,by microwave or acid digestion and determined by ICP-OES | 2 ppm |
| Mercury (Hg)Content | With reference to IEC 62321-4:2013,by microwave or acid digestion and determined by ICP-OES | 2 ppm |
| Chromium VI (Cr6+) (For non-metal) | With reference to IEC 62321:2008,by alkaline digestion and determined by UV-VIS spectrophotometer | 1 ppm |
| 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 mg/kg with 50 cm ² (IN TESTING SOLUTION) |
| PBBs/PBDEs | With reference to IEC 62321-6:2015,by solvent extraction and determined by GC/MS and HPLC | 5 ppm |

END OF TEST REPORT