

A239

CARD PVC

Description

PVC Card base material

Conclusion

Based on the performed tests on submitted samples, the results of Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE)

Test report

Test part description:

| Specimen no. | Sample ID | Description |
|--------------|-------------------|------------------------|
| 1 | SHA-11-177715.003 | White soft solid sheet |

Remarks

- (1) 1 mg/kg = 1 ppm = 0,0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not detected (< MDL)
- (4) "-" = Not regulated

RoHS Directive 2011/65/EU

Test Method:. With reference to IEC 62321:2008
 (1) Determination of Cadmium by ICP-OES.
 (2) Determination of Lead by ICP-OES.
 (3) Determination of Mercury by ICP-OES.
 (4) Determination of Hexavalent Chromium by Colorimetric Method using UV-Vis.
 (5) Determination of PBBs / PBDEs content by GC-MS. .

| Test item(s) | Limit | Unit | MDL | 003 |
|------------------------------|-------|-------|-----|-----|
| Cadmium (Cd) | 100 | mg/kg | 2 | ND |
| Lead (Pb) | 1,000 | mg/kg | 2 | ND |
| Mercury (Hg) | 1,000 | mg/kg | 2 | ND |
| Hexavalent Chromium (Cr(VI)) | 1,000 | mg/kg | 2 | ND |
| Sum of PBBs | 1,000 | mg/kg | - | ND |
| Monobromobiphenyl | - | mg/kg | 5 | ND |
| Dibromobiphenyl | - | mg/kg | 5 | ND |
| Tribromobiphenyl | - | mg/kg | 5 | ND |
| Tetrabromobiphenyl | - | mg/kg | 5 | ND |
| Pentabromobiphenyl | - | mg/kg | 5 | ND |
| Hexabromobiphenyl | - | mg/kg | 5 | ND |

| | | | | |
|--------------------------|-------|-------|---|----|
| Heptabromobiphenyl | - | mg/kg | 5 | ND |
| Octabromobiphenyl | - | mg/kg | 5 | ND |
| Octabromobiphenyl | - | mg/kg | 5 | ND |
| Decabromobiphenyl | - | mg/kg | 5 | ND |
| Sum of PBDEs | 1,000 | mg/kg | - | ND |
| Monobromodiphenyl ether | - | mg/kg | 5 | ND |
| Dibromodiphenyl ether | - | mg/kg | 5 | ND |
| Tribromodiphenyl ether | - | mg/kg | 5 | ND |
| Tetrabromodiphenyl ether | - | mg/kg | 5 | ND |
| Pentabromodiphenyl ether | - | mg/kg | 5 | ND |
| Hexabromodiphenyl ether | - | mg/kg | 5 | ND |
| Heptabromodiphenyl ether | - | mg/kg | 5 | ND |
| Octabromodiphenyl ether | - | mg/kg | 5 | ND |
| Nonabromodiphenyl ether | - | mg/kg | 5 | ND |
| Decabromodiphenyl ether | - | mg/kg | 5 | ND |

Certificates

REACH

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RoHS

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