

Test Report

Report No. RLSHD000560430001

Page 1 of 6

Applicant SHENZHEN KUAYUE ELECTRIC CO.,LTD

Address KUAYUE INDUSTRIAL PARK,NO.1 XINGYE ROAD,SHILONGZI COMMUNITY,
BAO'AN DISTRICT,ZHENZHEN

Report on the submitted sample(s) said to be

Sample Name INSULATION GRAIN

Sample Description Beige white plastic

Part No. (PBT.NY)

Sample Received Date Jan. 12 , 2012

Testing Period Jan. 12 , 2012 to Jan. 17 , 2012

Test Requested To determine the Dimethyl Fumarate(DMF), Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium (Cr(VI)), Polybrominated Biphenyls (PBBs), Polybrominated Diphenyl Ethers (PBDEs), Hexabromocyclododecane (HBCDD), Phthalates content in the submitted sample according to the request of client.

Test Method Please refer to the following page(s).

Test Result(s) Please refer to the following page(s).

Tested by



Technical Manager

Approved by

Technical Manager

Inspected by

Zhong Yijun

Date

Jan. 17, 2012

No. 83406552

Test Report

Report No. RLSHD000560430001

Page 2 of 6

Test Method

| Test Item(s) | Test Method | Measured Equipment(s) | MDL |
|--|-----------------------------|-----------------------|----------|
| Lead(Pb) | IEC 62321:2008 Ed.1 Sec.8 | ICP-OES | 2mg/kg |
| Cadmium(Cd) | IEC 62321:2008 Ed.1 Sec.8 | ICP-OES | 2mg/kg |
| Mercury(Hg) | IEC 62321:2008 Ed.1 Sec.7 | ICP-OES | 2mg/kg |
| Hexavalent Chromium (Cr(VI)) | IEC 62321:2008 Ed.1 Annex C | UV-Vis | 2mg/kg |
| Polybrominated Biphenyls (PBBs) | IEC 62321:2008 Ed.1 Annex A | GC-MS | 5mg/kg |
| Polybrominated Diphenyl Ethers (PBDEs) | IEC 62321:2008 Ed.1 Annex A | GC-MS | 5mg/kg |
| Hexabromocyclododecane (HBCDD) | Refer to US EPA 3540C:1996 | GC-MS | 5mg/kg |
| Phthalates | Refer to EN 14372:2004 | GC-MS | 50mg/kg |
| Dimethyl Fumarate(DMF) | Refer to US EPA 3550C:2007 | GC-MS | 0.1mg/kg |

Test Result(s)

| Tested Item(s) | Content |
|------------------------------|----------|
| Lead(Pb) | 10 mg/kg |
| Cadmium (Cd) | N.D. |
| Mercury(Hg) | N.D. |
| Hexavalent Chromium (Cr(VI)) | N.D. |

| Tested Item(s) | Content |
|--------------------|---------|
| Monobromobiphenyl | N.D. |
| Dibromobiphenyl | N.D. |
| Tribromobiphenyl | N.D. |
| Tetrabromobiphenyl | N.D. |
| Pentabromobiphenyl | N.D. |
| Hexabromobiphenyl | N.D. |
| Heptabromobiphenyl | N.D. |
| Octabromobiphenyl | N.D. |
| Nonabromobiphenyl | N.D. |
| Decabromobiphenyl | N.D. |

Test Report

Report No. RLSHD000560430001

Page 3 of 6

| Tested Item(s) | Content |
|--------------------------|---------|
| Monobromodiphenyl ether | N.D. |
| Dibromodiphenyl ether | N.D. |
| Tribromodiphenyl ether | N.D. |
| Tetrabromodiphenyl ether | N.D. |
| Pentabromodiphenyl ether | N.D. |
| Hexabromodiphenyl ether | N.D. |
| Heptabromodiphenyl ether | N.D. |
| Octabromodiphenyl ether | N.D. |
| Nonabromodiphenyl ether | N.D. |
| Decabromodiphenyl ether | N.D. |

| Tested Item(s) | Content |
|--------------------------------|---------|
| Hexabromocyclododecane (HBCDD) | N.D. |

| Tested Item(s) | Content |
|-------------------------|---------|
| Dimethyl Fumarate (DMF) | N.D. |

| Tested Item(s) | CAS No. | EC No. | Content |
|------------------------------------|----------|-----------|---------|
| Phthalates | | | |
| Dibutyl phthalate (DBP) | 84-74-2 | 201-557-4 | N.D. |
| Benzylbutyl phthalate (BBP) | 85-68-7 | 201-622-7 | N.D. |
| Bis(2-ethylhexyl) phthalate (DEHP) | 117-81-7 | 204-211-0 | N.D. |

Note: The sample had been dissolved totally tested for Lead, Cadmium, Mercury.

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million

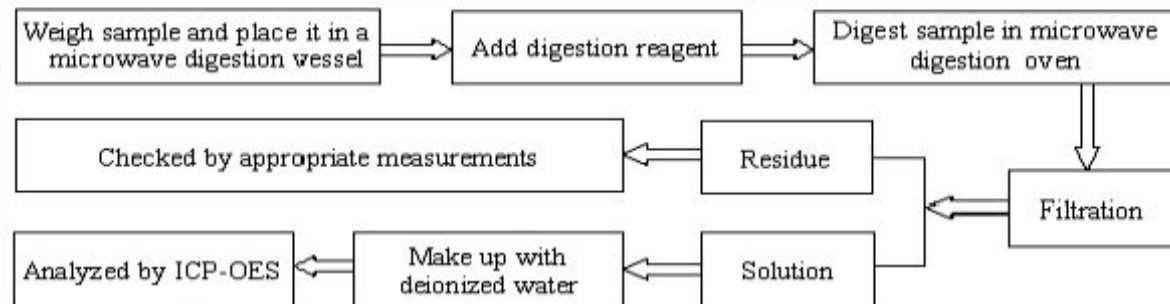
Test Report

Report No. RLSHD000560430001

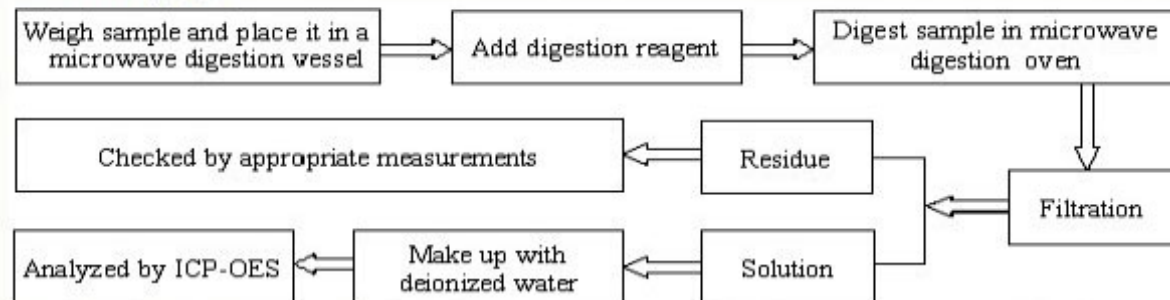
Page 4 of 6

Test Process

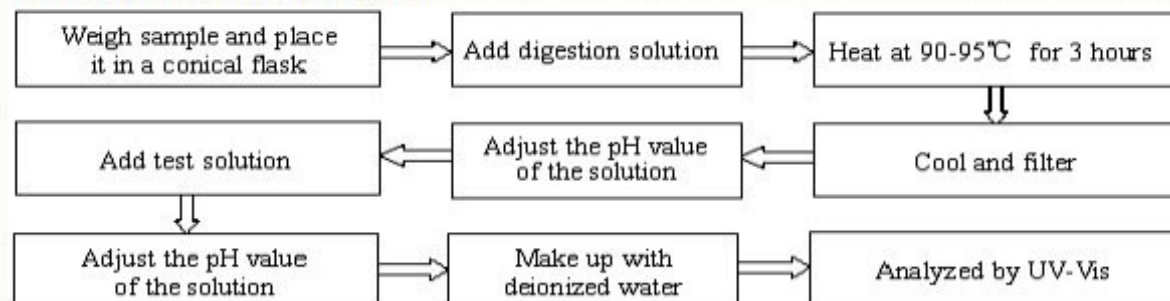
1. Lead(Pb), Cadmium(Cd)



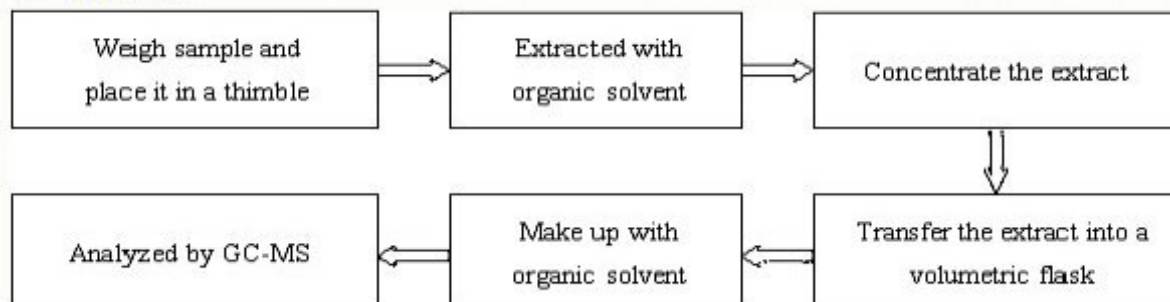
2. Mercury(Hg)



3. Hexavalent Chromium (Cr(VI))



4. Phthalates

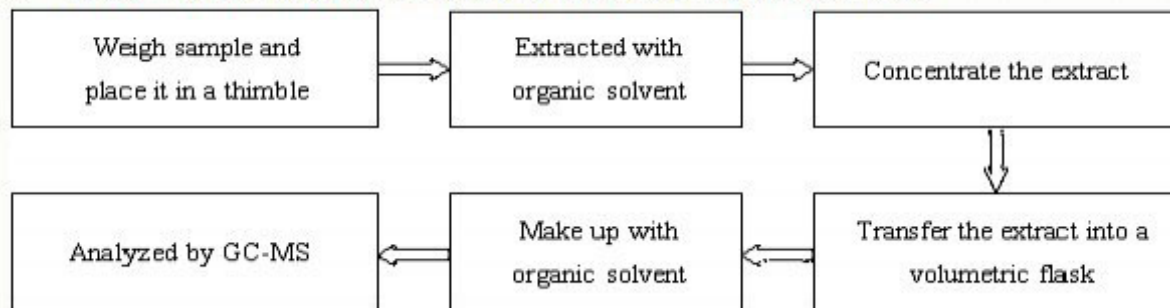


Test Report

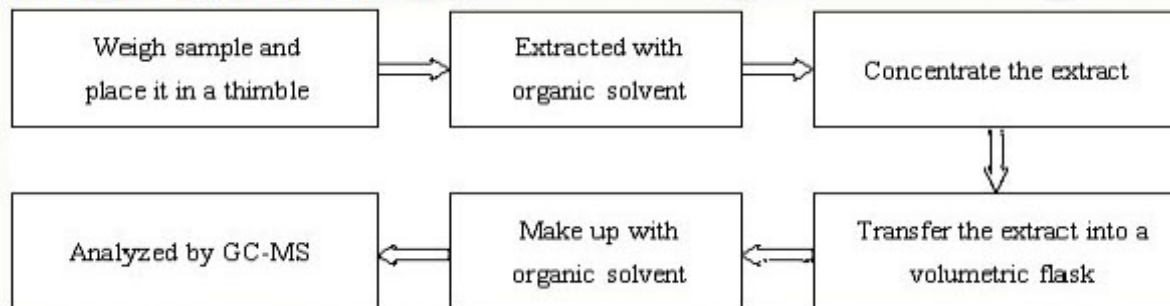
Report No. RLSHD000560430001

Page 5 of 6

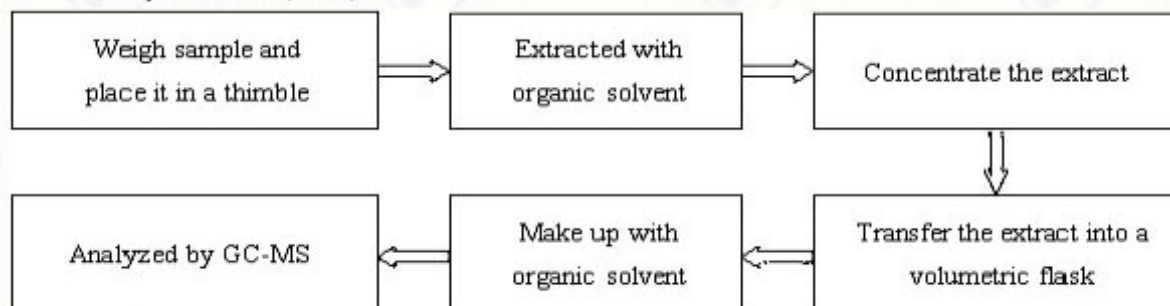
5. Polybrominated Biphenyls (PBBs), Polybrominated Diphenyl Ethers (PBDEs)



6. Hexabromocyclododecane (HBCDD)



7. Dimethyl Fumarate(DMF)



Test Report

Report No. RLSHD000560430001

Page 6 of 6

Photo(s) of the sample(s)



*** End of report ***

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