



Test Report

No.: GZ0809142203/CHEM

Date: SEP 23, 2008

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SHENZHEN CHANGYUAN SPECIAL PLASTIC FOAM MATERIAL CO.,LTD.
F2, BUILDING E, CHANGYUAN NEW MATERIAL PORT KEYUAN MID-ROAD, S&T PARK, NAN SHAN

The following sample(s) was/were submitted and identified on behalf of the applicant as 导电 PU 海绵

SGS Job No. : GZATR080901653CM

Date of Sample Received : SEP 18, 2008

Testing Period : SEP 18, 2008 TO SEP 23, 2008

Test Requested : Selected test (s) as requested by client.

Test Method : Please refer to next page(s).

Test Result(s) : Please refer to next page(s).

Conclusion : A:Based on the performed tests on submitted sample(s), the results **comply with** the RoHS Directive 2002/95/EC and its subsequent amendments.

Signed for and on behalf of
SGS-CSTC Ltd.

Huang Fang, Sunny
Sr. Engineer

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Test Results:

Description for specimen 1 : Black sponge

A:RoHS Directive 2002/95/EC

| Test Item(s) | Unit | Test Method (Reference) | Result | MDL | Limit |
|---|-------|---|--------|-----|-------|
| Cadmium (Cd) | mg/kg | IEC 62321/2nd CDV (111/95/CDV), ICP-OES | N.D. | 2 | 100 |
| Lead (Pb) | mg/kg | IEC 62321/2nd CDV (111/95/CDV), ICP-OES | N.D. | 2 | 1000 |
| Mercury (Hg) | mg/kg | IEC 62321/2nd CDV (111/95/CDV), ICP-OES | N.D. | 2 | 1000 |
| Hexavalent Chromium (CrVI) by alkaline extraction | mg/kg | IEC 62321/2nd CDV (111/95/CDV), UV-Vis | N.D. | 2 | 1000 |
| Sum of PBBs | mg/kg | - | N.D. | - | 1000 |
| Monobromobiphenyl | mg/kg | IEC 62321/2nd CDV (111/95/CDV), GC-MS | N.D. | 5 | |
| Dibromobiphenyl | mg/kg | IEC 62321/2nd CDV (111/95/CDV), GC-MS | N.D. | 5 | |
| Tribromobiphenyl | mg/kg | IEC 62321/2nd CDV (111/95/CDV), GC-MS | N.D. | 5 | |
| Tetrabromobiphenyl | mg/kg | IEC 62321/2nd CDV (111/95/CDV), GC-MS | N.D. | 5 | |
| Pentabromobiphenyl | mg/kg | IEC 62321/2nd CDV (111/95/CDV), GC-MS | N.D. | 5 | |
| Hexabromobiphenyl | mg/kg | IEC 62321/2nd CDV (111/95/CDV), GC-MS | N.D. | 5 | |
| Heptabromobiphenyl | mg/kg | IEC 62321/2nd CDV (111/95/CDV), GC-MS | N.D. | 5 | |
| Octabromobiphenyl | mg/kg | IEC 62321/2nd CDV (111/95/CDV), GC-MS | N.D. | 5 | |
| Nonabromobiphenyl | mg/kg | IEC 62321/2nd CDV (111/95/CDV), GC-MS | N.D. | 5 | |
| Decabromobiphenyl | mg/kg | IEC 62321/2nd CDV (111/95/CDV), GC-MS | N.D. | 5 | |
| Sum of PBDEs | mg/kg | - | N.D. | - | 1000 |
| Monobromodiphenyl ether | mg/kg | IEC 62321/2nd CDV (111/95/CDV), GC-MS | N.D. | 5 | |
| Dibromodiphenyl ether | mg/kg | IEC 62321/2nd CDV (111/95/CDV), GC-MS | N.D. | 5 | |
| Tribromodiphenyl ether | mg/kg | IEC 62321/2nd CDV (111/95/CDV), GC-MS | N.D. | 5 | |
| Tetrabromodiphenyl ether | mg/kg | IEC 62321/2nd CDV (111/95/CDV), GC-MS | N.D. | 5 | |
| Pentabromodiphenyl ether | mg/kg | IEC 62321/2nd CDV (111/95/CDV), GC-MS | N.D. | 5 | |
| Hexabromodiphenyl ether | mg/kg | IEC 62321/2nd CDV (111/95/CDV), GC-MS | N.D. | 5 | |
| Heptabromodiphenyl ether | mg/kg | IEC 62321/2nd CDV (111/95/CDV), GC-MS | N.D. | 5 | |
| Octabromodiphenyl ether | mg/kg | IEC 62321/2nd CDV (111/95/CDV), GC-MS | N.D. | 5 | |
| Nonabromodiphenyl ether | mg/kg | IEC 62321/2nd CDV (111/95/CDV), GC-MS | N.D. | 5 | |
| Decabromodiphenyl ether ## | mg/kg | IEC 62321/2nd CDV (111/95/CDV), GC-MS | N.D. | 5 | |

Note:

1. mg/kg = ppm
2. N.D. = Not Detected (< MDL)
3. MDL = Method Detection Limit
4. ## = The exemption of DecaBDE in polymeric application according 2005/717/EC was overruled by the European Court of Justice by its decision of 01.04.2008. Subsequently DecaBDE will be included in the sum of PBDE after 01.07.2008
5. "-" = Not regulated

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B:Halogen

| Test Item(s) | Unit | Test Method (Reference) | Result | MDL |
|---------------|-------|-------------------------|--------|-----|
| Fluorine (F) | mg/kg | BS EN 14582:2007, IC | N.D. | 50 |
| Chlorine (Cl) | mg/kg | BS EN 14582:2007, IC | 96 | 50 |
| Bromine (Br) | mg/kg | BS EN 14582:2007, IC | N.D. | 50 |
| Iodine (I) | mg/kg | BS EN 14582:2007, IC | N.D. | 50 |

Note:

1. mg/kg = ppm
2. N.D. = Not Detected (< MDL)
3. MDL = Method Detection Limit

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Sample photo :



SGS authenticate the photo on original report only

*** End of Report ***

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