

## Test Report

No. : KE/2011/63248 Date : 2011/06/29 Page : 1 of 4

PT. INDAH KIAT PULP & PAPER TBK.  
JL. RAYA SERANG KM. 76, SERANG 42184 BANTEN-INDONESIA



The following sample(s) was/were submitted and identified by/on behalf of the client as :

|                       |   |                          |
|-----------------------|---|--------------------------|
| Sample Description    | : | PAPER BOARD              |
| PART NO.              | : | FLUTTING MEDIUM          |
| Color                 | : | BROWN                    |
| Job No.               | : | JKT-ML/HL/06/11/906      |
| ID No.                | : | ML0611906-4289           |
| Sample Receiving Date | : | 2011/06/24               |
| Testing Period        | : | 2011/06/24 TO 2011/06/29 |
| Sample Submitted By   | : | P.T. SGS INDONESIA       |

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

  
Ray Chang / Asst. Manager  
Signed for and on behalf of  
SGS Taiwan Limited



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## Test Result(s)

PART NAME NO.1 : BROWN PAPER BOARD

| Test Item (s):   | Unit  | Method   | MDL | Result | Limit |
|--|-------|--|-----|--------|-------|
|  |       |  |     | No.1   |       |
| <b>94/62/EC (Heavy metal content)</b>                              |       |  |     |        |       |
| Cadmium (Cd)   | mg/kg | With reference to IEC 62321: 2008 and performed by ICP-AES.                            | 2   | n.d.   | -     |
| Lead (Pb)  | mg/kg | With reference to IEC 62321: 2008 and performed by ICP-AES.                            | 2   | 11.4   | -     |
| Mercury (Hg)   | mg/kg | With reference to IEC 62321: 2008 and performed by ICP-AES.                            | 2   | n.d.   | -     |
| Hexavalent Chromium Cr(VI) by alkaline extraction                  | mg/kg | With reference to IEC 62321: 2008 and performed by UV-VIS.                             | 2   | n.d.   | -     |
| <b>Total Cadmium + Lead + Mercury + Hexavalent Chromium Cr(VI)</b> | mg/kg | Total Cadmium + Lead + Mercury + Hexavalent Chromium Cr(VI) (94/62/EC)                 | -   | 11.4   | 100   |
| <b>TPCH (Heavy metal content)</b>                                  |       |  |     |        |       |
| Cadmium (Cd)   | mg/kg | Acid Digestion Followed By Analysis With Inductively Coupled Argon Plasma Spectrometry | 2   | n.d.   | -     |
| Lead (Pb)  | mg/kg | Acid Digestion Followed By Analysis With Inductively Coupled Argon Plasma Spectrometry | 2   | 15.7   | -     |
| Mercury (Hg)   | mg/kg | Acid Digestion Followed By Analysis With Inductively Coupled Argon Plasma Spectrometry | 2   | n.d.   | -     |
| Hexavalent Chromium Cr(VI) by alkaline extraction                  | mg/kg | Acid Digestion Followed By Analysis With Inductively Coupled Argon Plasma Spectrometry | 2   | n.d.   | -     |
| <b>Total Cadmium + Lead + Mercury + Hexavalent Chromium Cr(VI)</b> | mg/kg | Total Cadmium + Lead + Mercury + Hexavalent Chromium Cr(VI) (TPCH)                     | -   | 15.7   | 100   |

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| Test Item (s):                                    | Unit  | Method  | MDL   | Result  | RoHS Limit |
|---|-------|---|-------|---|------------|
|   |       |   |       | No.1  |            |
| Cadmium (Cd)                                      | mg/kg | With reference to IEC 62321: 2008 and performed by ICP-AES. | 2     | n.d.  | 100        |
| Lead (Pb)   | mg/kg | With reference to IEC 62321: 2008 and performed by ICP-AES. | 2     | 11.4  | 1000       |
| Mercury (Hg)                                      | mg/kg | With reference to IEC 62321: 2008 and performed by ICP-AES. | 2     | n.d.  | 1000       |
| Hexavalent Chromium Cr(VI) by alkaline extraction | mg/kg | With reference to IEC 62321: 2008 and performed by UV-VIS.  | 2     | n.d.  | 1000       |
| <b>Sum of PBBs</b>                                | mg/kg | With reference to IEC 62321: 2008 and performed by GC/MS.   | -     | n.d.  | 1000       |
| Monobromobiphenyl                                 |       |   | 5     | n.d.  | -          |
| Dibromobiphenyl                                   |       |   | 5     | n.d.  | -          |
| Tribromobiphenyl                                  |       |   | 5     | n.d.  | -          |
| Tetrabromobiphenyl                                |       |   | 5     | n.d.  | -          |
| Pentabromobiphenyl                                |       |   | 5     | n.d.  | -          |
| Hexabromobiphenyl                                 |       |   | 5     | n.d.  | -          |
| Heptabromobiphenyl                                |       |   | 5     | n.d.  | -          |
| Octabromobiphenyl                                 |       |   | 5     | n.d.  | -          |
| Nonabromobiphenyl                                 |       |   | 5     | n.d.  | -          |
| Decabromobiphenyl                                 |       |   | 5     | n.d.  | -          |
| <b>Sum of PBDEs</b>                               |       |   | mg/kg | With reference to IEC 62321: 2008 and performed by GC/MS. | -          |
| Monobromodiphenyl ether                           | 5     | n.d.  |       |   | -          |
| Dibromodiphenyl ether                             | 5     | n.d.  |       |   | -          |
| Tribromodiphenyl ether                            | 5     | n.d.  |       |   | -          |
| Tetrabromodiphenyl ether                          | 5     | n.d.  |       |   | -          |
| Pentabromodiphenyl ether                          | 5     | n.d.  |       |   | -          |
| Hexabromodiphenyl ether                           | 5     | n.d.  |       |   | -          |
| Heptabromodiphenyl ether                          | 5     | n.d.  |       |   | -          |
| Octabromodiphenyl ether                           | 5     | n.d.  |       |   | -          |
| Nonabromodiphenyl ether                           | 5     | n.d.  |       |   | -          |
| Decabromodiphenyl ether                           | 5     | n.d.  |       |   | -          |

- Note :
1. mg/kg = ppm ; 0.1wt% = 1000ppm
  2. n.d. = Not Detected
  3. MDL = Method Detection Limit
  4. " - " = Not Regulated
  5. The test(s) was/were subcontracted to SGS Taiwan.

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**\*\* End of Report \*\***

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