

測試報告

號碼：CE/2007/52312A

日期：2007/08/10

頁數：1 of 4

彩印企業有限公司 (三重)



CHAMPION INK & PAINT CO., LTD.

台北縣三重市光復路一段81號7樓

7F, NO. 81, SEC. 1, KWANG FU ROAD, SANCHUNG CITY, TAIPEI HSIEN, TAIWAN

以下測試樣品係由客戶送樣，且由客戶聲稱並經客戶確認如下(The following sample(s) was/were submitted and identified by/on behalf of the client as)：

樣品名稱(Sample Description) : AK, NU, GK, KPP, PA, PVC, TA, SPP, PS, MTV, BA, BHU, NY, SVA, ST, PAV.LV, SPC
樣品型號(Style/Item No.) : BLACK INK: 84, (P) 208, 6084E, 884, 5284, 5384, 384, 584
收件日期(Sample Receiving Date) : 2007/05/10
測試期間(Testing Period) : 2007/05/10 TO 2007/05/17

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測試需求 / Test Requested : 參照 RoHS 2002/95/EC 及其修定指令要求。 / In accordance with the RoHS Directive 2002/95/EC, and its amendment directives.

測試方法 / Test Method : 參考 IEC 62321, Ed. 1 111/54/CDV 方法檢測。 / With reference to IEC 62321, Ed.1 111/54/CDV. Procedures for the Determination of Levels of Regulated Substances in Electrotechnical Products.
(1) 用感應耦合電漿原子發射光譜儀檢測鎘含量。 / Determination of Cadmium by ICP-AES.
(2) 用感應耦合電漿原子發射光譜儀檢測鉛含量。 / Determination of Lead by ICP-AES.
(3) 用感應耦合電漿原子發射光譜儀檢測汞含量。 / Determination of Mercury by ICP-AES.
(4) 針對非金屬材質之樣品，用 UV-VIS 檢測六價鉻含量。 / Determination of Hexavalent Chromium for non-metallic samples by UV/Vis Spectrometry.
(5) 以氣相層析儀/質譜儀檢測多溴聯苯和多溴聯苯醚含量。 / Determination of PBB and PBDE by GC/MS.

測試結果 / Test Result(s) : 請見下一頁。


Daniel Yeh, M.R. / Operation Manager
Signed for and on behalf of
SGS TAIWAN LTD.

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測試結果 (單位: mg/kg) / Test Result(s)

| 測試項目 / Test Item (s): | 測試方法 Method (Refer to) | 結果 / Result | |
|--|------------------------------|-------------|----------------------|
| | | No.1 | 方法偵測 極限值 (MDL) |
| 鎘 / Cadmium (Cd) | (1) | n.d. | 2 |
| 鉛 / Lead (Pb) | (2) | n.d. | 2 |
| 汞 / Mercury (Hg) | (3) | n.d. | 2 |
| 六價鉻 / Hexavalent Chromium Cr(VI) by alkaline extraction | (4) | n.d. | 2 |
| 多溴聯苯總和 / Sum of PBBs | (5) | n.d. | - |
| 一溴聯苯 / Monobromobiphenyl | | n.d. | 5 |
| 二溴聯苯 / Dibromobiphenyl | | n.d. | 5 |
| 三溴聯苯 / Tribromobiphenyl | | n.d. | 5 |
| 四溴聯苯 / Tetrabromobiphenyl | | n.d. | 5 |
| 五溴聯苯 / Pentabromobiphenyl | | n.d. | 5 |
| 六溴聯苯 / Hexabromobiphenyl | | n.d. | 5 |
| 七溴聯苯 / Heptabromobiphenyl | | n.d. | 5 |
| 八溴聯苯 / Octabromobiphenyl | | n.d. | 5 |
| 九溴聯苯 / Nonabromobiphenyl | | n.d. | 5 |
| 十溴聯苯 / Decabromobiphenyl | | n.d. | 5 |
| 多溴聯苯醚總和 (一至九溴) / Sum of PBDEs (Mono to Nona) (Note 4) | | n.d. | - |
| 一溴聯苯醚 / Monobromobiphenyl ether | | n.d. | 5 |
| 二溴聯苯醚 / Dibromobiphenyl ether | | n.d. | 5 |
| 三溴聯苯醚 / Tribromobiphenyl ether | | n.d. | 5 |
| 四溴聯苯醚 / Tetrabromobiphenyl ether | | n.d. | 5 |
| 五溴聯苯醚 / Pentabromobiphenyl ether | | n.d. | 5 |
| 六溴聯苯醚 / Hexabromobiphenyl ether | | n.d. | 5 |
| 七溴聯苯醚 / Heptabromobiphenyl ether | | n.d. | 5 |
| 八溴聯苯醚 / Octabromobiphenyl ether | | n.d. | 5 |
| 九溴聯苯醚 / Nonabromobiphenyl ether | n.d. | 5 | |
| 十溴聯苯醚 / Decabromobiphenyl ether | n.d. | 5 | |
| 多溴聯苯醚總和 (一至十溴) / Sum of PBDEs (Mono to Deca) | n.d. | - | |

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測試部位描述 / TEST PART DESCRIPTION:

NO.1 : 黑色油墨 / BLACK INK

Note : 1. mg/kg = ppm

2. n.d. = Not Detected / 未檢出

3. MDL = Method Detection Limit / 方法偵測極限值

4. According to 2005/717/EC DecaBDE is exempt.

根據2005年10月13日歐盟會議公佈2005/717/EC，修訂2002/95/EC內容，通過解除
高分子材質中十溴聯苯醚之使用限制。

5. "-" = Not Regulated / 無規格值

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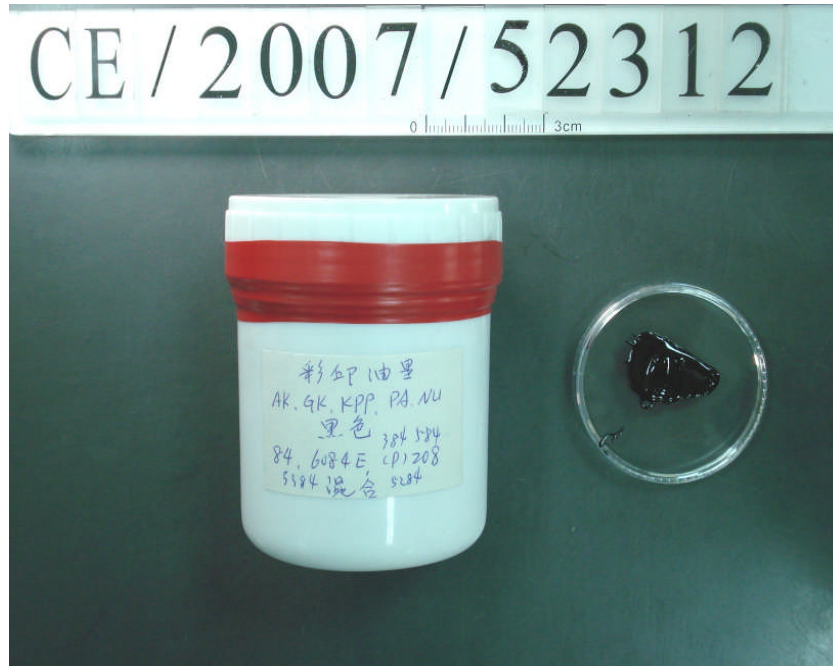
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