

測試報告

號碼：CE/2010/A1136A

日期：2010/10/14

頁數：1 of 5

保旺塑膠有限公司
雲林縣大埤鄉豐田路55號



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：

樣品名稱：PVC 發泡板
樣品型號：C-100
收件日期：2010/10/07
測試期間：2010/10/07 TO 2010/10/14

=====
測試需求：參照 RoHS 2002/95/EC 及其修定指令要求。

測試方法：參考 IEC 62321: 2008 方法檢測。
(1) 以感應耦合電漿原子發射光譜儀(ICP-AES)檢測鎘含量。
(2) 以感應耦合電漿原子發射光譜儀(ICP-AES)檢測鉛含量。
(3) 以感應耦合電漿原子發射光譜儀(ICP-AES)檢測汞含量。
(4) 以UV-VIS檢測六價鉻含量。
(5) 以氣相層析儀/質譜儀(GC/MS)檢測多溴聯苯和多溴聯苯醚含量。

測試結果：請見下一頁。

結論：根據客戶所提供樣品的測試結果，符合RoHS(2002/95/EC)及其修定指令之要求。



Chenyu Kung / Operation Manager
Signed for and on behalf of
SGS TAIWAN LTD.
Chemical Laboratory – Taipei

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測試結果 (單位: mg/kg)

| 測試項目 | 測試方法 (請參考) | 結果 | 方法偵測 極限值 | RoHS 限值 |
|---------------------------|---------------|-------|-------------|------------|
| | | No. 1 | | |
| 鎘 | (1) | n.d. | 2 | 100 |
| 鉛 | (2) | n.d. | 2 | 1000 |
| 汞 | (3) | n.d. | 2 | 1000 |
| 六價鉻 (Alkaline extraction) | (4) | n.d. | 2 | 1000 |
| 多溴聯苯總和 | (5) | n.d. | - | 1000 |
| 一溴聯苯 | | n.d. | 5 | - |
| 二溴聯苯 | | n.d. | 5 | - |
| 三溴聯苯 | | n.d. | 5 | - |
| 四溴聯苯 | | n.d. | 5 | - |
| 五溴聯苯 | | n.d. | 5 | - |
| 六溴聯苯 | | n.d. | 5 | - |
| 七溴聯苯 | | n.d. | 5 | - |
| 八溴聯苯 | | n.d. | 5 | - |
| 九溴聯苯 | | n.d. | 5 | - |
| 十溴聯苯 | | n.d. | 5 | - |
| 多溴聯苯醚總和 | | n.d. | - | 1000 |
| 一溴聯苯醚 | | n.d. | 5 | - |
| 二溴聯苯醚 | | n.d. | 5 | - |
| 三溴聯苯醚 | | n.d. | 5 | - |
| 四溴聯苯醚 | | n.d. | 5 | - |
| 五溴聯苯醚 | | n.d. | 5 | - |
| 六溴聯苯醚 | | n.d. | 5 | - |
| 七溴聯苯醚 | | n.d. | 5 | - |
| 八溴聯苯醚 | | n.d. | 5 | - |
| 九溴聯苯醚 | | n.d. | 5 | - |
| 十溴聯苯醚 | | n.d. | 5 | - |

測試部位描述:

No.1 : 木色泡棉塊

備註: 1. mg/kg = ppm; 0.1wt% = 1000ppm

2. n.d. = Not Detected (未檢出)

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

4. "-" = Not Regulated (無規格值)

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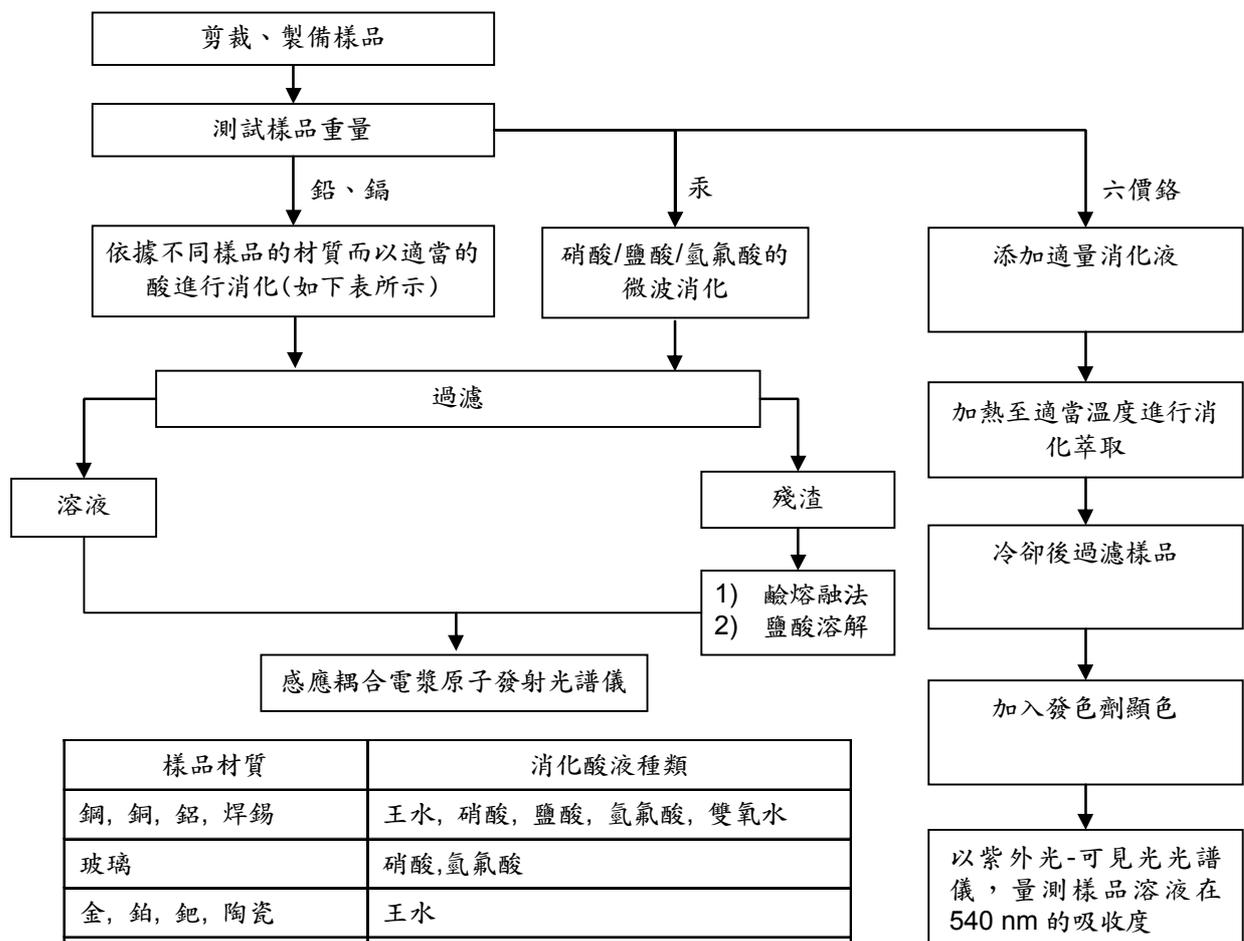
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- 1) 根據以下的流程圖之條件，樣品已完全溶解。(六價鉻測試方法除外)
- 2) 測試人員：楊登偉
- 3) 測試負責人：張啓興



| 樣品材質 | 消化酸液種類 |
|-------------|----------------------|
| 鋼, 銅, 鋁, 焊錫 | 王水, 硝酸, 鹽酸, 氫氟酸, 雙氧水 |
| 玻璃 | 硝酸, 氫氟酸 |
| 金, 鉑, 鈀, 陶瓷 | 王水 |
| 銀 | 硝酸 |
| 塑膠 | 硫酸, 雙氧水, 硝酸, 鹽酸 |
| 其他 | 加入任何酸至完全溶解 |

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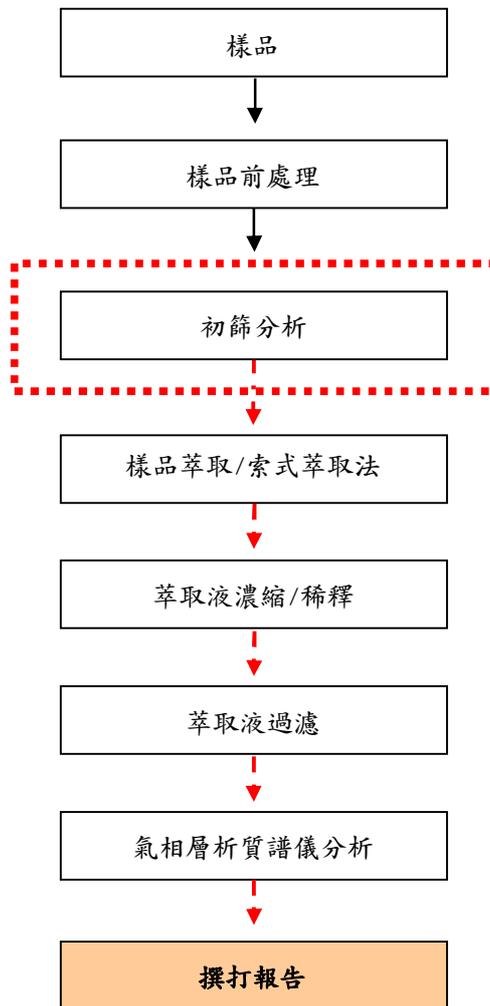
多溴聯苯/多溴聯苯醚分析流程圖

初次測試程序 ———▶

選擇性篩檢程序 ·····▶

確認程序 - - - ▶

- 1) 測試人員：翁賜彬
- 2) 測試負責人：張啓興



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** 報告結尾 **

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