

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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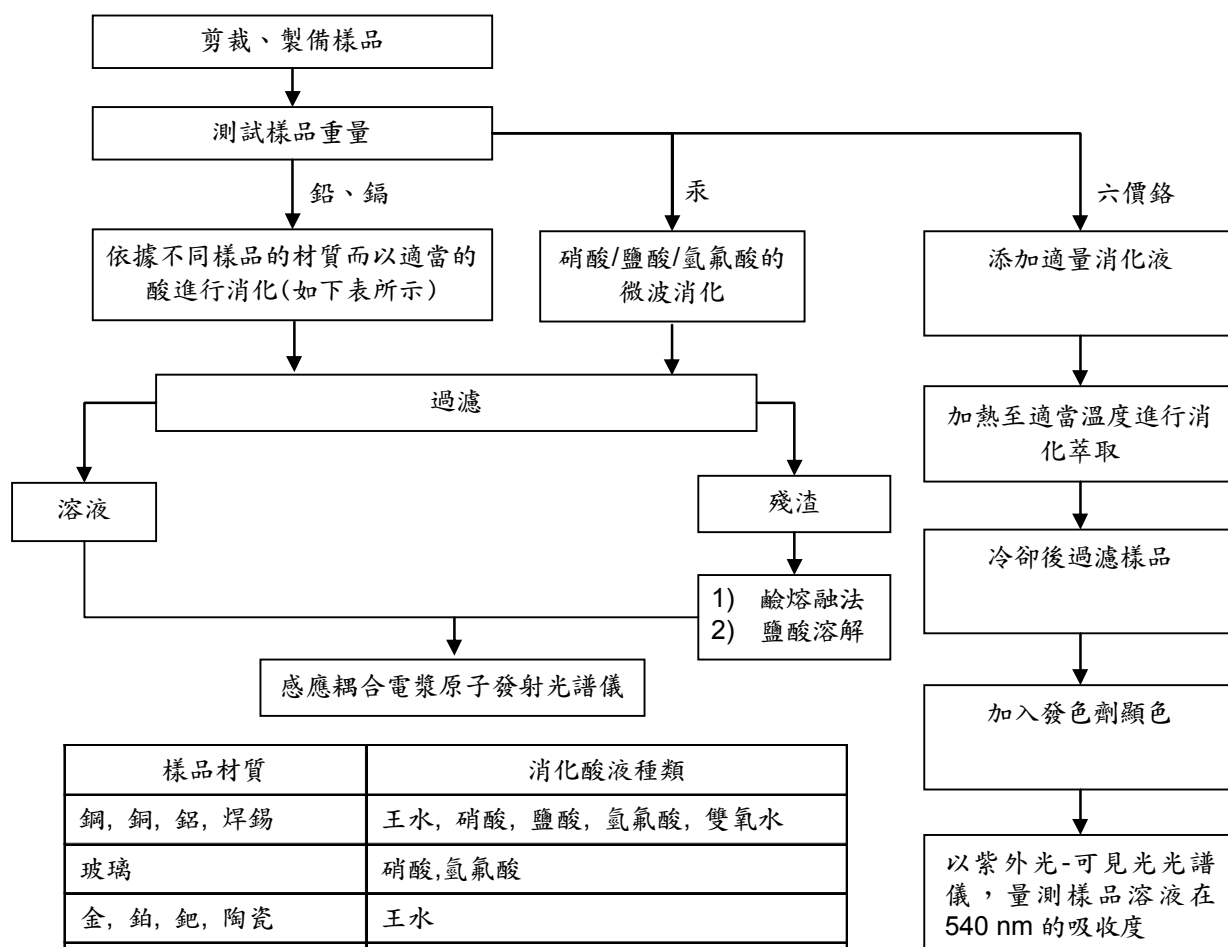
雲林縣大埤鄉豐田路55號



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
銅，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

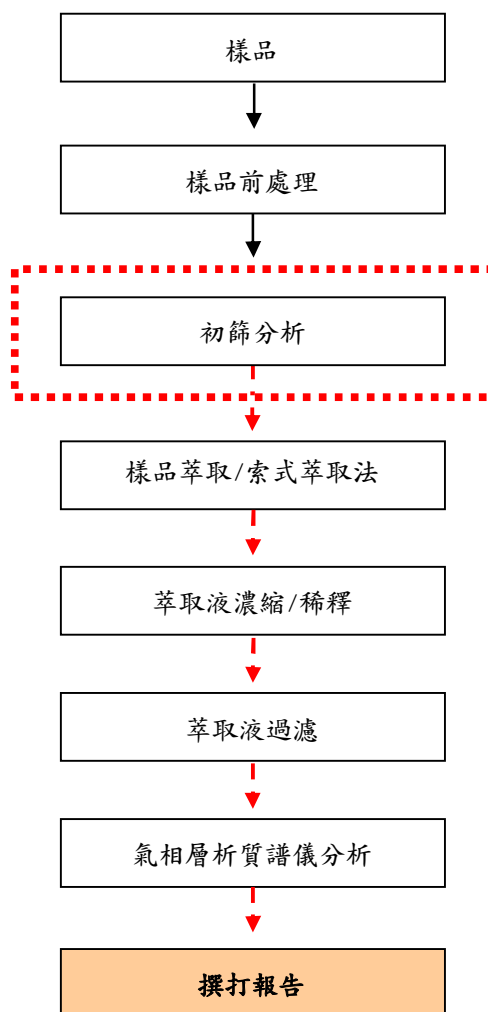
初次測試程序 —————>

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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