

## 測試報告

號碼：CE/2010/44809A

日期：2010/04/28

頁數：1 of 5

台灣化學纖維股份有限公司  
台北市敦化北路201號 後棟9樓 台化塑膠部



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：聚丙烯單聚物  
 樣品型號：B1101, F1611, F2003, F2011, K1011, K1023, K1035, K1108, K1525, K2038, K2051, K2065, S1003, S1005, S1019, S1023, S1040, S1803, S2023, S2035, S2123, T1002, T1202, T2502  
 生產或供應廠商：台灣化學纖維股份有限公司  
 收件日期：2010/04/22  
 測試期間：2010/04/22 TO 2010/04/28

=====  
 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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頁數：2 of 5

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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
<b>多溴聯苯總和</b>	(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	-
<b>多溴聯苯醚總和</b>		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 : 半透明白色塑膠粒

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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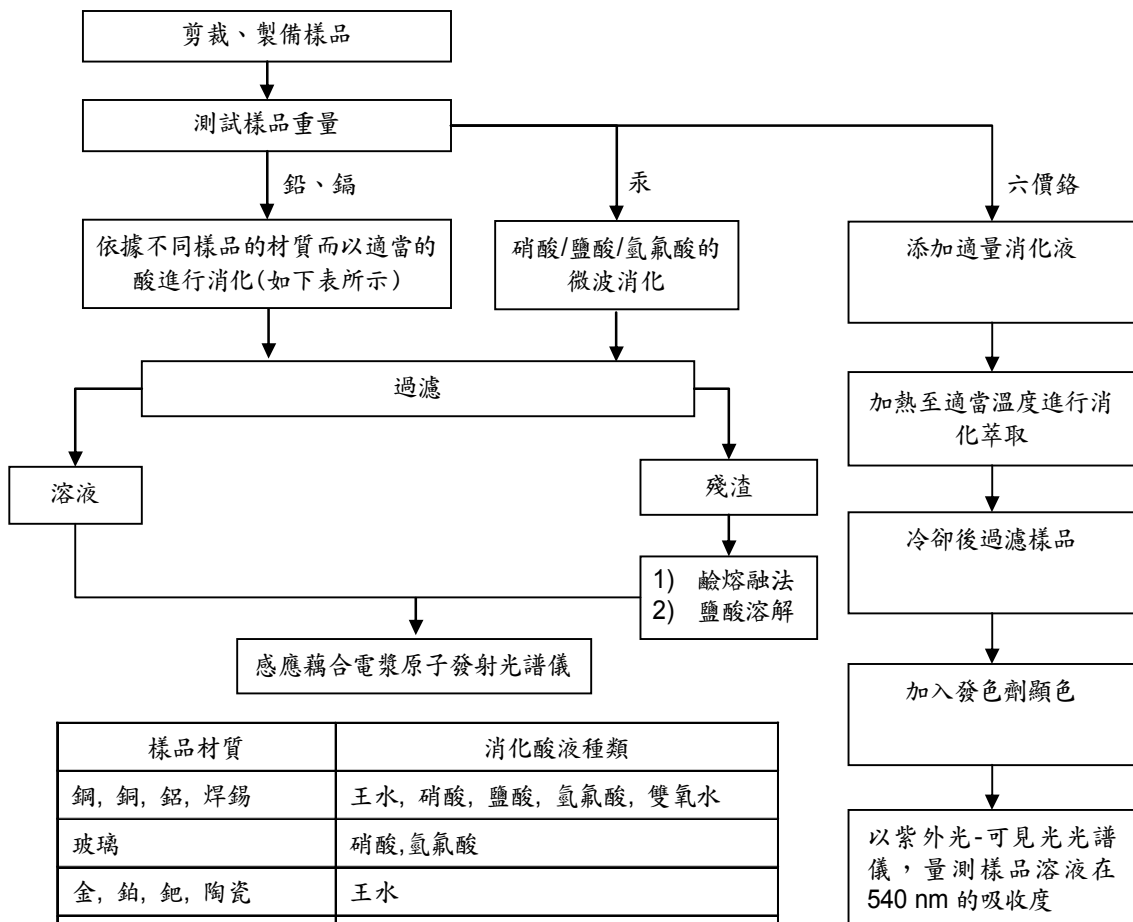
頁數：3 of 5

台灣化學纖維股份有限公司

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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
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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頁數：4 of 5

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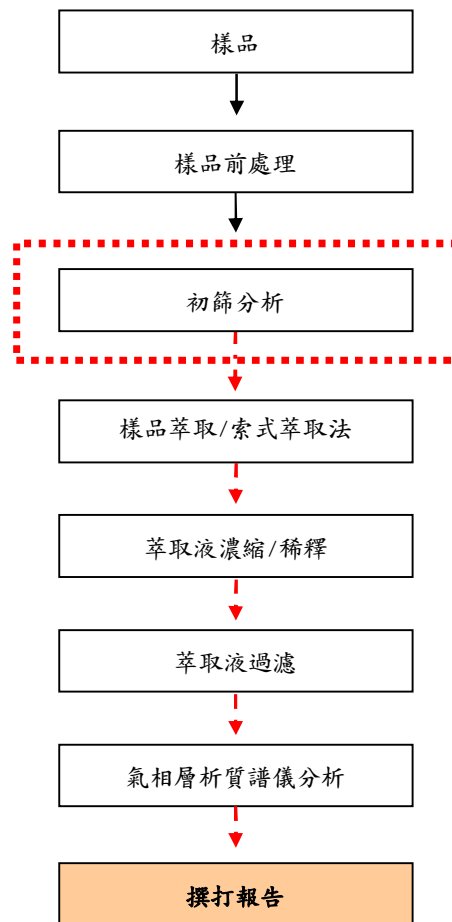
### 多溴聯苯/多溴聯苯醚分析流程圖

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：陳新智



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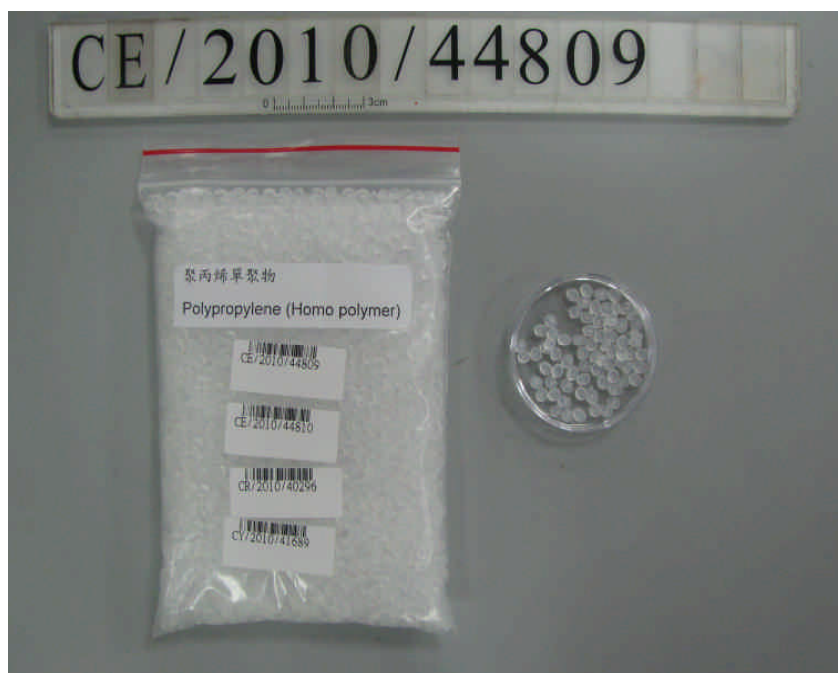
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\*\* 報告結尾 \*\*

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