

測試報告

號碼：CE/2010/14863A

日期：2010/01/28

頁數：1 of 8

台灣化學纖維股份有限公司
台北市敦化北路201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：聚苯乙烯樹脂
樣品型號：TAIRIREX GP5000, GP5500, MP6250, HP8250, HP9450
收件日期：2010/01/25
測試期間：2010/01/25 TO 2010/01/28

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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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測試報告

號碼：CE/2010/14863A

日期：2010/01/28

頁數：2 of 8

台灣化學纖維股份有限公司
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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	No. 2	No. 3	No. 4	No. 5		
鎘	(1)	n.d.	n.d.	n.d.	n.d.	n.d.	2	100
鉛	(2)	n.d.	n.d.	n.d.	n.d.	n.d.	2	1000
汞	(3)	n.d.	n.d.	n.d.	n.d.	n.d.	2	1000
六價鉻 (Alkaline extraction)	(4)	n.d.	n.d.	n.d.	n.d.	n.d.	2	1000
多溴聯苯總和	(5)	n.d.	n.d.	n.d.	n.d.	n.d.	-	1000
一溴聯苯		n.d.	n.d.	n.d.	n.d.	n.d.	5	-
二溴聯苯		n.d.	n.d.	n.d.	n.d.	n.d.	5	-
三溴聯苯		n.d.	n.d.	n.d.	n.d.	n.d.	5	-
四溴聯苯		n.d.	n.d.	n.d.	n.d.	n.d.	5	-
五溴聯苯		n.d.	n.d.	n.d.	n.d.	n.d.	5	-
六溴聯苯		n.d.	n.d.	n.d.	n.d.	n.d.	5	-
七溴聯苯		n.d.	n.d.	n.d.	n.d.	n.d.	5	-
八溴聯苯		n.d.	n.d.	n.d.	n.d.	n.d.	5	-
九溴聯苯		n.d.	n.d.	n.d.	n.d.	n.d.	5	-
十溴聯苯		n.d.	n.d.	n.d.	n.d.	n.d.	5	-
多溴聯苯醚總和		n.d.	n.d.	n.d.	n.d.	n.d.	-	1000
一溴聯苯醚		n.d.	n.d.	n.d.	n.d.	n.d.	5	-
二溴聯苯醚		n.d.	n.d.	n.d.	n.d.	n.d.	5	-
三溴聯苯醚		n.d.	n.d.	n.d.	n.d.	n.d.	5	-
四溴聯苯醚		n.d.	n.d.	n.d.	n.d.	n.d.	5	-
五溴聯苯醚		n.d.	n.d.	n.d.	n.d.	n.d.	5	-
六溴聯苯醚		n.d.	n.d.	n.d.	n.d.	n.d.	5	-
七溴聯苯醚		n.d.	n.d.	n.d.	n.d.	n.d.	5	-
八溴聯苯醚		n.d.	n.d.	n.d.	n.d.	n.d.	5	-
九溴聯苯醚	n.d.	n.d.	n.d.	n.d.	n.d.	5	-	
十溴聯苯醚	n.d.	n.d.	n.d.	n.d.	n.d.	5	-	

測試部位描述:

- No.1 : 透明塑膠粒 (GP5000)
- No.2 : 透明塑膠粒 (GP5500)
- No.3 : 白色塑膠粒 (MP6250)
- No.4 : 白色塑膠粒 (HP8250)
- No.5 : 白色塑膠粒 (HP9450)

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測試報告

號碼：CE/2010/14863A

日期：2010/01/28

頁數：3 of 8

台灣化學纖維股份有限公司
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- 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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號碼：CE/2010/14863A

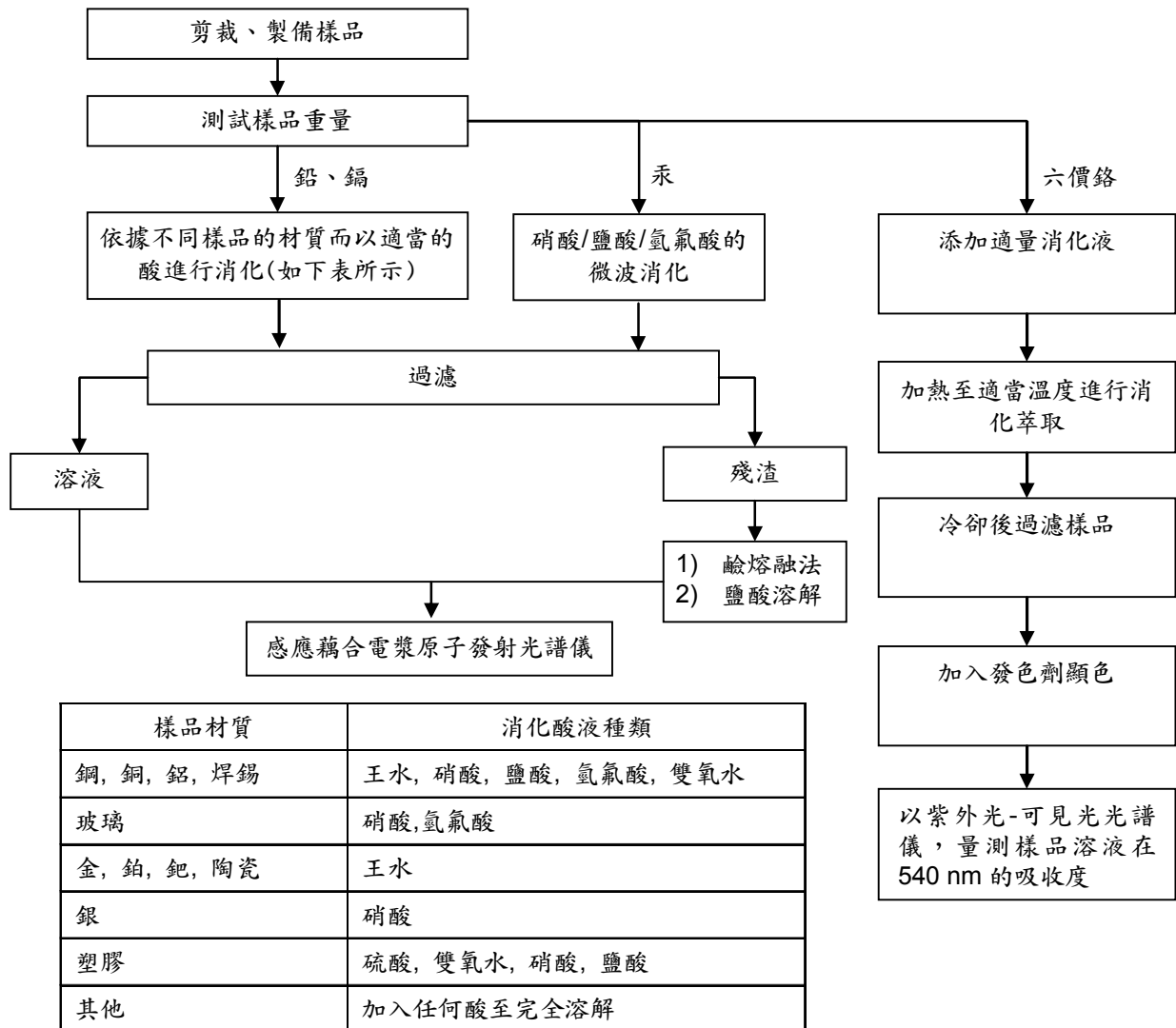
日期：2010/01/28

頁數：4 of 8

台灣化學纖維股份有限公司
台北市敦化北路201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



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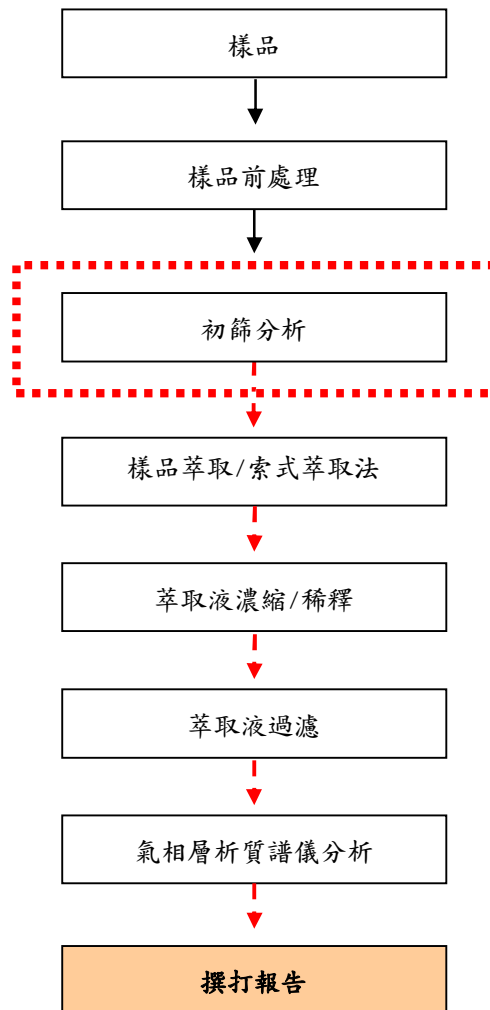
多溴聯苯/多溴聯苯醚分析流程圖

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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測試報告

號碼：CE/2010/14863A

日期：2010/01/28

頁數：6 of 8

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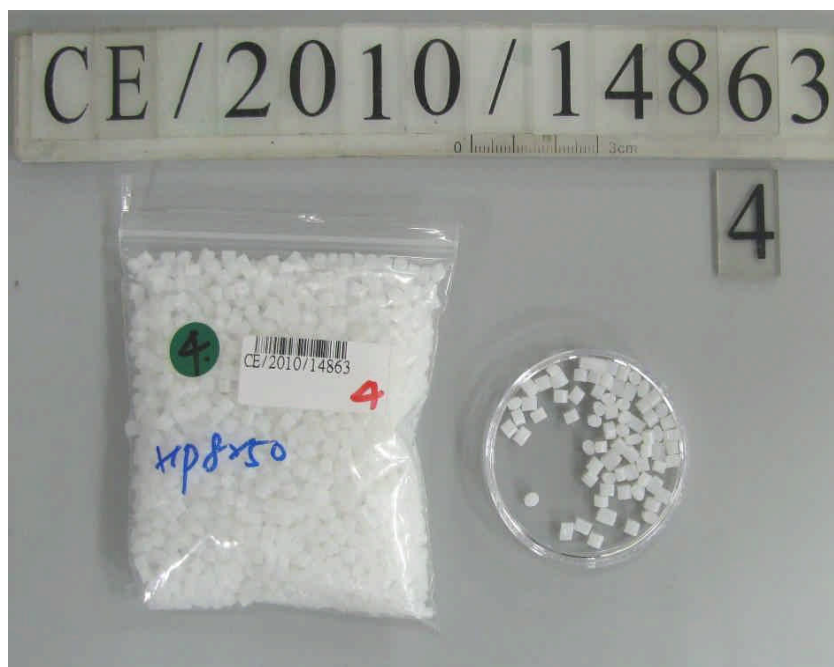
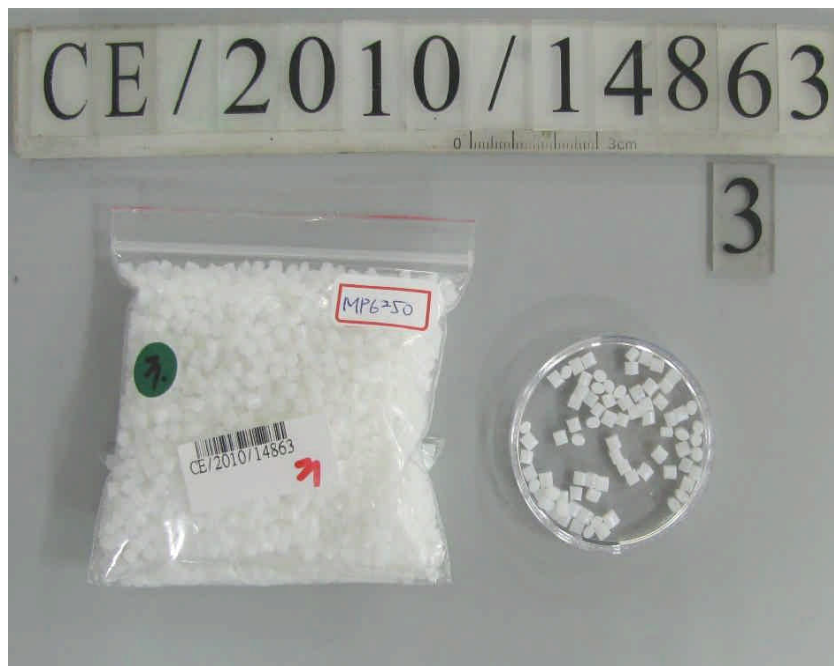
測試報告

號碼：CE/2010/14863A

日期：2010/01/28

頁數：7 of 8

台灣化學纖維股份有限公司
台北市敦化北路201號



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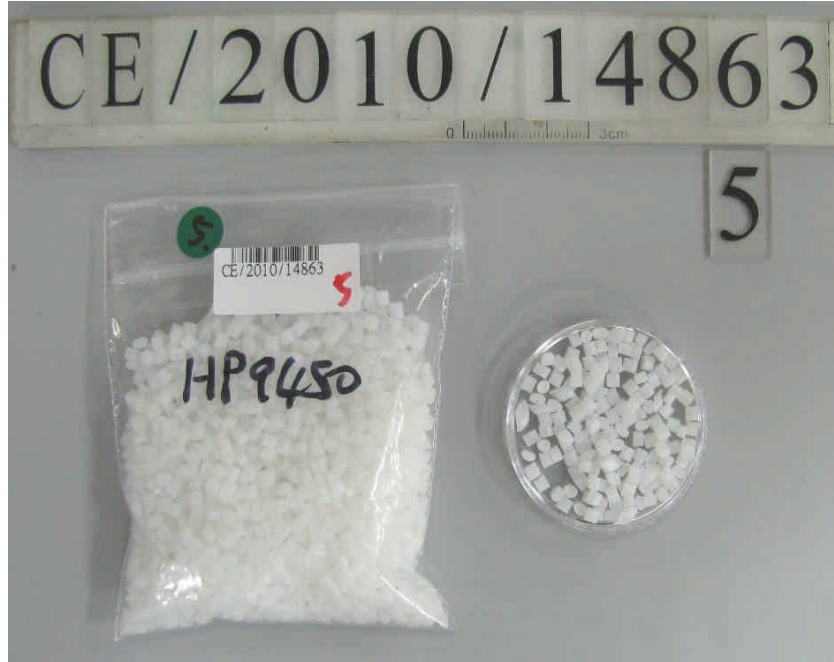
測試報告

號碼：CE/2010/14863A

日期：2010/01/28

頁數：8 of 8

台灣化學纖維股份有限公司
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** 報告結尾 **

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