

測試報告

號碼：CE/2010/14649A

日期：2010/01/28

頁數：1 of 6

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：丙烯腈/丁二烯/苯乙烯共聚樹脂
樣品型號：TAIRILAC AG12A0, AG15A1, AG15E0, AG15E1
收件日期：2010/01/22
測試期間：2010/01/22 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		
鎘	(1)	n.d.	n.d.	n.d.	n.d.	2	100
鉛	(2)	n.d.	n.d.	n.d.	n.d.	2	1000
汞	(3)	n.d.	n.d.	n.d.	n.d.	2	1000
六價鉻 (Alkaline extraction)	(4)	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.	-	1000
一溴聯苯		n.d.	n.d.	n.d.	n.d.	5	-
二溴聯苯		n.d.	n.d.	n.d.	n.d.	5	-
三溴聯苯		n.d.	n.d.	n.d.	n.d.	5	-
四溴聯苯		n.d.	n.d.	n.d.	n.d.	5	-
五溴聯苯		n.d.	n.d.	n.d.	n.d.	5	-
六溴聯苯		n.d.	n.d.	n.d.	n.d.	5	-
七溴聯苯		n.d.	n.d.	n.d.	n.d.	5	-
八溴聯苯		n.d.	n.d.	n.d.	n.d.	5	-
九溴聯苯		n.d.	n.d.	n.d.	n.d.	5	-
十溴聯苯		n.d.	n.d.	n.d.	n.d.	5	-
多溴聯苯醚總和		n.d.	n.d.	n.d.	n.d.	-	1000
一溴聯苯醚		n.d.	n.d.	n.d.	n.d.	5	-
二溴聯苯醚		n.d.	n.d.	n.d.	n.d.	5	-
三溴聯苯醚		n.d.	n.d.	n.d.	n.d.	5	-
四溴聯苯醚		n.d.	n.d.	n.d.	n.d.	5	-
五溴聯苯醚		n.d.	n.d.	n.d.	n.d.	5	-
六溴聯苯醚		n.d.	n.d.	n.d.	n.d.	5	-
七溴聯苯醚		n.d.	n.d.	n.d.	n.d.	5	-
八溴聯苯醚		n.d.	n.d.	n.d.	n.d.	5	-
九溴聯苯醚	n.d.	n.d.	n.d.	n.d.	5	-	
十溴聯苯醚	n.d.	n.d.	n.d.	n.d.	5	-	

測試部位描述:

- No.1 : 米色塑膠粒 (AG12A0)
- No.2 : 米色塑膠粒 (AG15A1)
- No.3 : 米色塑膠粒 (AG15E0)
- No.4 : 米色塑膠粒 (AG15E1)

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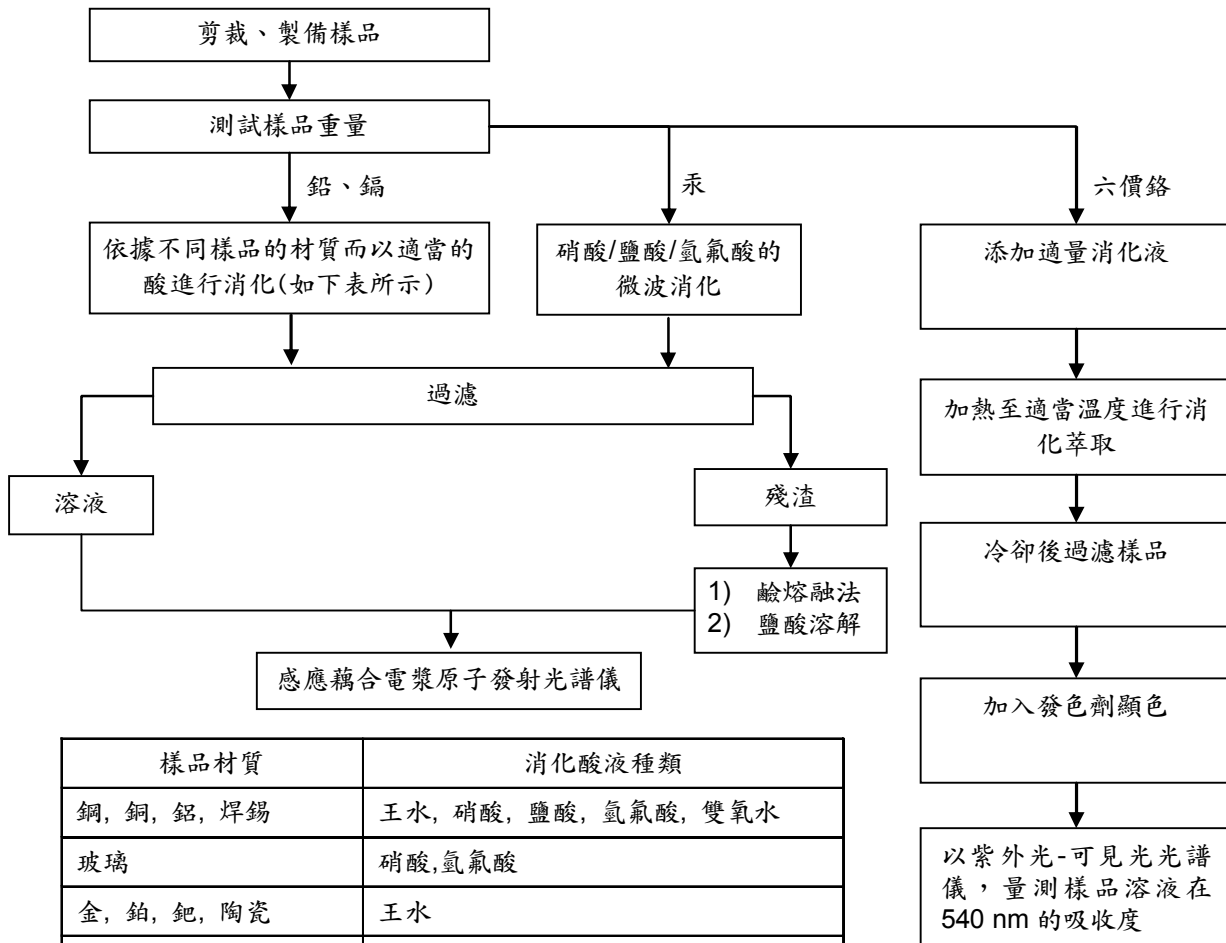
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- 1) 根據以下的流程圖之條件，樣品已完全溶解。(六價鉻測試方法除外)
- 2) 測試人員：楊登偉
- 3) 測試負責人：張啓興



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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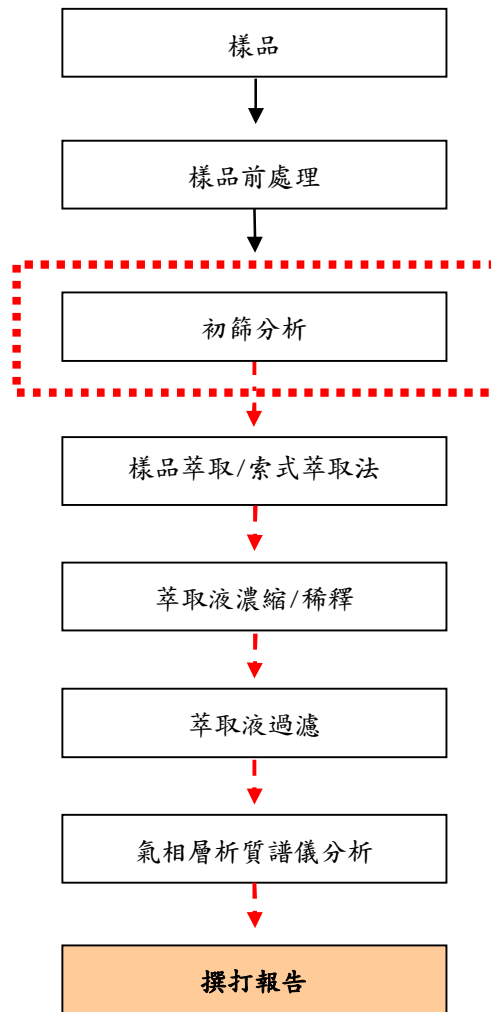
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多溴聯苯/多溴聯苯醚分析流程圖

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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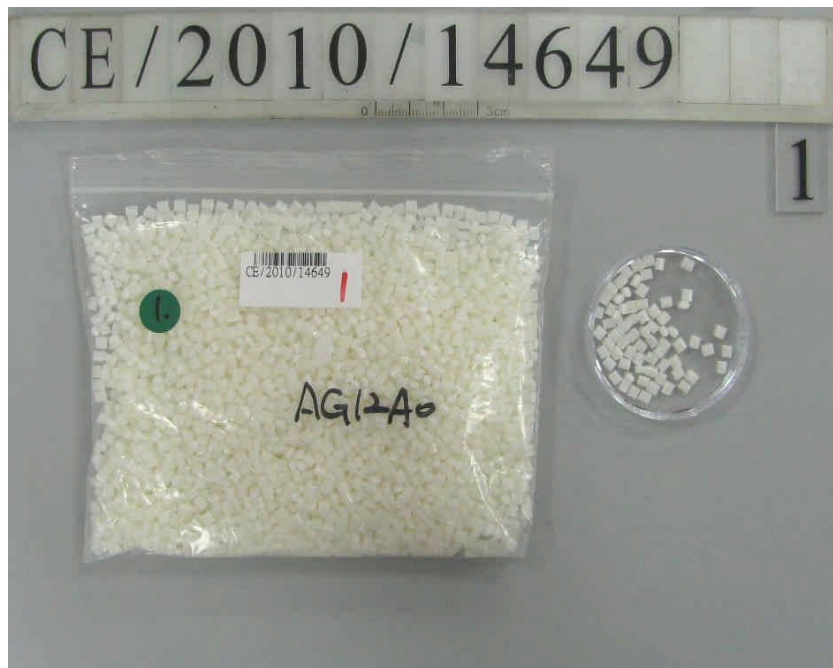
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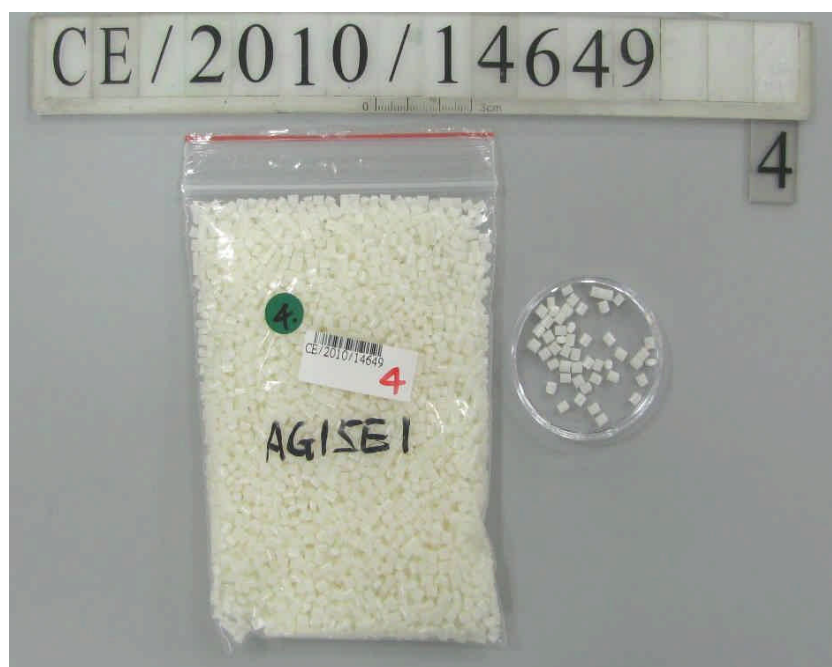
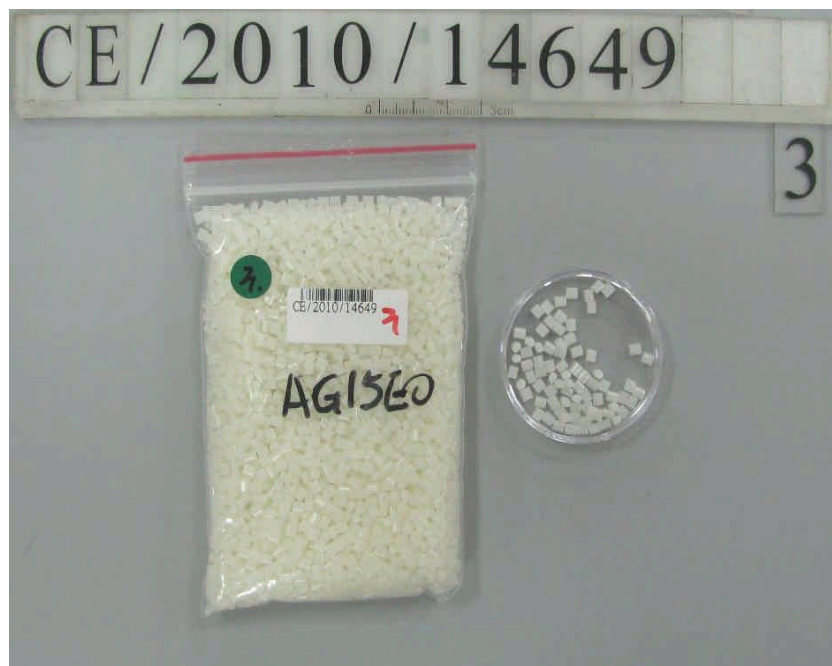
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** 報告結尾 **

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