

## 試驗報告

號碼：KE/2018/20357A-01 日期：2018/02/12 頁數：1 of 6

台灣塑膠工業股份有限公司  
台北市敦化北路201號8樓

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	:	台塑鋼
樣品型號	:	FM130
樣品材質	:	聚甲醛
樣品顏色	:	本色
收件日期	:	2018/02/06.
測試期間	:	2018/02/06 TO 2018/02/12
送樣廠商	:	台灣塑膠工業股份有限公司

=====  
測試結果 : 請見下一頁.

張伯睿  
報告簽署人/張伯睿 博士/技術經理



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台灣塑膠工業股份有限公司  
台北市敦化北路201號8樓

## 測試結果

測試部位 NO.1 : 本色聚甲醛顆粒

測試項目	單位	測試方法	方法偵測	結果
			極限值	NO.1
磷苯二甲酸單丁酯 (MBP) (CAS No.: 131-70-4)	%	本測試參考EN 14372, 以氣相層析儀/質譜儀檢測之。	0.003	n.d.
磷苯二甲酸二(2-丙基庚)酯 (DPrHP) (CAS No.: 53306-54-0)	%		0.003	n.d.
支鏈和直鏈1,2-鄰苯二甲酸二己酯 (CAS No.: 68515-50-4)	%		0.01	n.d.
支鏈和直鏈1,2-苯二羧二戊酯 (CAS No.: 84777-06-0)	%		0.003	n.d.
鄰苯二甲酸正戊基異戊基酯 (nPiPP) (CAS No.: 776297-69-9)	%		0.003	n.d.
己二酸二異壬酯 (DINA) (CAS No.: 33703-08-1)	%		0.01	n.d.
鄰苯二甲酸丁苯甲酯 (BBP) (CAS No.: 85-68-7)	%		0.003	n.d.
鄰苯二甲酸二丁酯 (DBP) (CAS No.: 84-74-2)	%		0.003	n.d.
鄰苯二甲酸二(2-乙基己基)酯 (DEHP) (CAS No.: 117-81-7)	%		0.003	n.d.
鄰苯二甲酸二異癸酯 (DIDP) (CAS No.: 26761-40-0, 68515-49-1)	%		0.01	n.d.
鄰苯二甲酸二異壬酯 (DINP) (CAS No.: 28553-12-0, 68515-48-0)	%		0.01	n.d.
鄰苯二甲酸二正辛酯 (DNOP) (CAS No.: 117-84-0)	%		0.003	n.d.
己二酸二(2-乙基己基)酯 (DEHA) (CAS No.: 103-23-1)	%		0.003	n.d.
鄰苯二甲酸二異丁酯 (DIBP) (CAS No.: 84-69-5)	%		0.003	n.d.
鄰苯二甲酸二甲酯 (DMP) (CAS No.: 131-11-3)	%		0.003	n.d.
鄰苯二甲酸二丙酯 (DPrP) (CAS No.: 131-16-8)	%	0.003	n.d.	

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測試項目	單位	測試方法	方法偵測	結果
			極限值	NO.1
鄰苯二甲酸二環己酯 (DCHP) (CAS No.: 84-61-7)	%	本測試參考EN 14372, 以氣相層析儀/質譜儀檢測之。	0.003	n.d.
鄰苯二甲酸二乙酯 (DEP) (CAS No.: 84-66-2)	%		0.003	n.d.
鄰苯二甲二異辛酯 (DIOP) (CAS No.: 27554-26-3)	%		0.01	n.d.
鄰苯二甲酸二正壬酯 (DNNP) (CAS No.: 84-76-4)	%		0.003	n.d.
鄰苯二甲酸二己酯 (DNHP) (CAS No.: 84-75-3)	%		0.003	n.d.
鄰苯二甲酸二(2-甲氧基乙基)酯 (DMEP) (CAS No.: 117-82-8)	%		0.003	n.d.
鄰苯二甲酸二苯甲基酯 (DBZP) (CAS No.: 523-31-9)	%		0.003	n.d.
鄰苯二甲酸二苯基酯 (DPhP) (CAS No.: 84-62-8)	%		0.003	n.d.
鄰苯二甲酸二異戊酯 (DIPP) (CAS No.: 605-50-5)	%		0.003	n.d.
鄰苯二甲酸二(2-乙氧基乙基)酯 (DEEP) (CAS No.: 605-54-9)	%		0.003	n.d.
鄰苯二甲酸二(C6-8支鏈與直鏈)烷基酯, 富C7 (DIHP) (CAS No.: 71888-89-6)	%		0.01	n.d.
鄰苯二甲酸二(C7-11支鏈與直鏈)烷基酯 (DHNUP) (CAS No.: 68515-42-4)	%		0.01	n.d.
鄰苯二甲酸二烯丙酯 (DAP) (CAS No.: 131-17-9)	%		0.003	n.d.
鄰苯二甲酸二正戊酯 (DNPP) (CAS No.: 131-18-0)	%		0.003	n.d.
鄰苯二甲酸-單-乙基己基酯 (MEHP) (CAS No.: 4376-20-9)	%		0.003	n.d.
對苯二甲酸(2-乙基己)酯 (DEHT) (CAS No.: 6422-86-2)	%		0.003	n.d.
鄰苯二甲酸雙十一烷基酯 (DUDP) (CAS No.: 3648-20-2)	%		0.01	n.d.

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測試項目	單位	測試方法	方法偵測 極限值	結果
				NO.1
對苯二甲酸二甲酯 (DMTP) (CAS No.: 120-61-6)	%	本測試參考EN 14372, 以氣相層析儀/質譜儀檢測之。	0.003	n.d.
鄰苯二甲酸二癸酯 (DNDP) (CAS No.: 87-77-5)	%		0.003	n.d.
鄰苯二甲酸二(2-丁氧基)乙酯 (DBEP) (CAS No.: 117-83-9)	%		0.003	n.d.
鄰苯二甲酸二(4-甲基-2-戊基)酯 (BMPP) (CAS No.: 146-50-9)	%		0.003	n.d.
鄰苯二甲酸二庚酯 (DHPP) (CAS No.: 3648-21-3)	%		0.003	n.d.
1,2-苯二甲酸,二(C6-10)烷基酯; 1,2-苯二甲酸, 混合二己二辛二癸酯, 其中鄰苯二甲酸二己酯 (EC號201-559-5) 必須 ≥ 0.3% (CAS No.: 68515-51-5/68648-93-1)	%		0.01	n.d.
鄰苯二甲酸二異己酯(DIHxP) (CAS No.: 71850-09-4)	%		0.01	n.d.
1,2-苯二甲酸,二(C6-10)烷基酯; 1,2-苯二甲酸, 混合二己二辛二癸酯, 其中鄰苯二甲酸二己酯 (EC號201-559-5) 必須 ≥ 0.3% (CAS No.: 68515-51-5/68648-93-1)	%		0.01	n.d.

- 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. 此為2018/02/12所發行KE/2018/20357之加發報告，原始資料請參考KE/2018/20357。

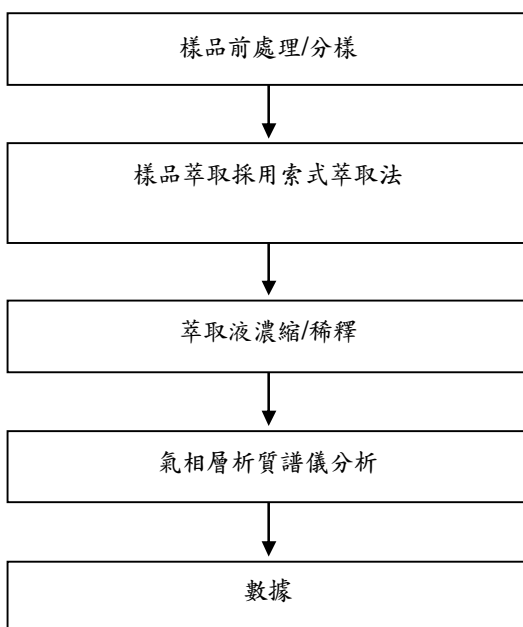
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台灣塑膠工業股份有限公司  
台北市敦化北路201號8樓

### 可塑劑分析流程圖

- 1) 測試人員：陳威錚
- 2) 測試負責人：張伯睿



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# KE/2018/20357



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