

**Test Report** 

頁數 (Page): 1 of 8 號碼(No.): CE/2018/43719 日期(Date): 2018/04/20

美商伊士曼化學有限公司台灣分公司 EASTMAN CHEMICAL LTD. TAIWAN BRANCH 台北市松山區敦化北路167號15樓

15F, NO. 167, DUNHUA N. RD., SONGSHAN 105 TAIPEI, TAIWAN

以下測試樣品係由申請廠商所提供及確認 (The following sample(s) was/were submitted and identified by/on behalf of the applicant as):

送樣廠商(Sample Submitted By) 樣品名稱(Sample Description)

美商伊士曼化學有限公司台灣分公司 (EASTMAN CHEMICAL LTD. TAIWAN BRANCH)

TRITAN TM COPOLYESTER FX100 TRITAN TM COPOLYESTER FX200

TRITAN TM COPOLYESTER HX101

TRITAN TM COPOLYESTER HX201

TRITAN TM COPOLYESTER TX1000

TRITAN TM COPOLYESTER TX1001

TRITAN <sup>™</sup> COPOLYESTER TX1501HF

TRITAN TM COPOLYESTER TX1800

TRITAN TM COPOLYESTER TX2000

TRITAN TM COPOLYESTER TX2001

TRITAN TM COPOLYESTER VX300

TRITAN TM COPOLYESTER VX301

TRITAN TM COPOLYESTER VX350HF

TRITAN TM COPOLYESTER VX351HF

TRITAN TM COPOLYESTER VX400

TRITAN TM COPOLYESTER VX401

收件日期(Sample Receiving Date)

測試期間(Testing Period)

: 2018/04/17

2018/04/17 TO 2018/04/20

測試需求(Test Requested)

依據客戶指定,檢測鎘、鉛、汞、六價鉻、多溴聯苯、多溴聯苯醚, DBP, BBP, DEHP, DIBP. (As specified by client, to test Cadmium, Lead, Mercury, Cr(VI), PBBs, PBDEs, DBP, BBP, DEHP, DIBP contents in the submitted sample(s).)

测試方法(Test Method)

測試結果(Test Rest

Troy ang Signed for and on

SĞS TAIWAN L

Chemical Laboratory

: 請參閱下一頁 (Please refer to following pages).

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頁數 (Page): 2 of 8 號碼(No.): CE/2018/43719 日期(Date): 2018/04/20

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#### 測試結果(Test Results)

測試部位(PART NAME)No.1 : 整體混測 (MIXED ALL PARTS)

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	方法偵測 極限值 (MDL)	結果 (Result) No.1
鎬 / Cadmium (Cd)	mg/kg	参考IEC 62321-5 (2013), 以感應耦合電 漿原子發射光譜儀檢測. / With reference to IEC 62321-5 (2013) and performed by ICP-AES.	2	n. d.
鉛 / Lead (Pb)	mg/kg	参考IEC 62321-5 (2013), 以感應耦合電 漿原子發射光譜儀檢測. / With reference to IEC 62321-5 (2013) and performed by ICP-AES.	2	n. d.
汞 / Mercury (Hg)	mg/kg	參考IEC 62321-4 (2013), 以感應耦合電 漿原子發射光譜儀檢測. / With reference to IEC 62321-4 (2013) and performed by ICP-AES.	2	n. d.
六價鉻 / Hexavalent Chromium Cr(VI)	mg/kg	参考IEC 62321-7-2 (2017),以UV-VIS檢 測. / With reference to IEC 62321-7- 2 (2017) and performed by UV-VIS.	8	n. d.
鄰苯二甲酸丁苯甲酯 / BBP (Butyl Benzyl phthalate) (CAS No.: 85-68- 7)	mg/kg	参考IEC 62321-8 (2017),以氣相層析儀 /質譜儀檢測. / With reference to IEC 62321-8 (2017). Analysis was performed by GC/MS.	50	n. d.
鄰苯二甲酸二丁酯 / DBP (Dibutyl phthalate) (CAS No.: 84-74-2)	mg/kg		50	n. d.
鄰苯二甲酸二異丁酯 / DIBP (Di-isobutyl phthalate) (CAS No.: 84-69-5)	mg/kg		50	n. d.
鄰苯二甲酸二 (2-乙基己基)酯 / DEHP (Di- (2-ethylhexyl) phthalate) (CAS No.: 117-81-7)	mg/kg		50	n. d.



頁數 (Page): 3 of 8 號碼(No.): CE/2018/43719 日期(Date): 2018/04/20

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頁數 (Page): 4 of 8 號碼(No.): CE/2018/43719 日期(Date): 2018/04/20

## **Test Report**

美商伊士曼化學有限公司台灣分公司 EASTMAN CHEMICAL LTD. TAIWAN BRANCH 台北市松山區敦化北路167號15樓 15F, NO. 167, DUNHUA N. RD., SONGSHAN 105 TAIPEI, TAIWAN



#### 備註(Note):

- 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)
- 5. 樣品的測試是基於申請人要求混合測試,報告中的混合測試結果不代表其中個別單一材質的含量. (The samples was/were analyzed on behalf of the applicant as mixing sample in one testing. The above results was/were only given as the informality value.)



頁數 (Page): 5 of 8 號碼(No.): CE/2018/43719 日期(Date): 2018/04/20

## **Test Report**

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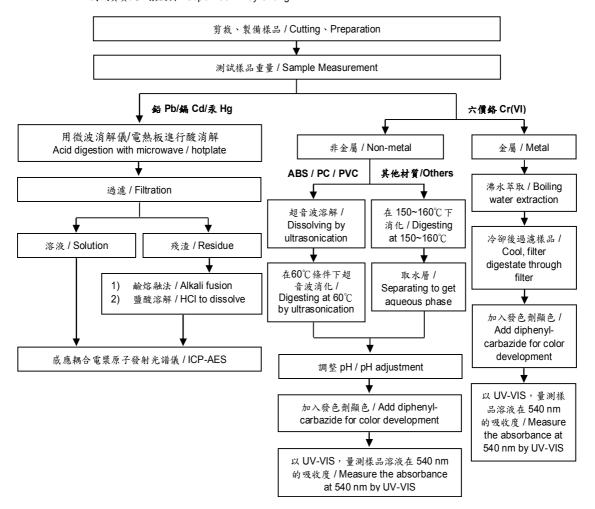


#### 重金屬流程圖 / Analytical flow chart of Heavy Metal

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)

These samples were dissolved totally by pre-conditioning method according to below flow chart. (Cr6+ test method excluded)

測試人員: 陳恩臻 / Technician: Rita Chen 測試負責人:張啟興 / Supervisor: Troy Chang





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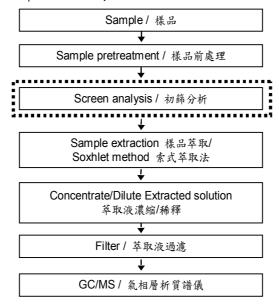
頁數 (Page): 6 of 8

### 多溴聯苯/多溴聯苯醚分析流程圖 / Analytical flow chart - PBB/PBDE

號碼(No.): CE/2018/43719 日期(Date): 2018/04/20

測試人員:涂雅苓 / Technician: Yaling Tu 測試負責人:張啟興 / Supervisor: Troy Chang

初次測試程序 / First testing process \_ 選擇性篩檢程序 / Optional screen process \*\*\*\*\*\*\* 確認程序 / Confirmation process - - - - →





## **Test Report**

頁數 (Page): 7 of 8 號碼(No.): CE/2018/43719 日期(Date): 2018/04/20

美商伊士曼化學有限公司台灣分公司 EASTMAN CHEMICAL LTD. TAIWAN BRANCH 台北市松山區敦化北路167號15樓 15F, NO. 167, DUNHUA N. RD., SONGSHAN 105 TAIPEI, TAIWAN

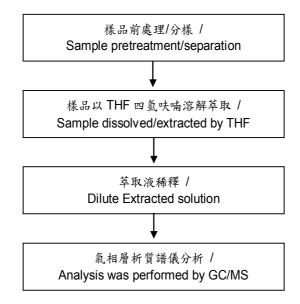


### <u>可塑劑分析流程圖 / Analytical flow chart - Pht</u>halate

測試人員:徐毓明 / Technician: Andy Hsu

測試負責人:張啟興 / Supervisor: Troy Chang

【测試方法/Test method: IEC 62321-8】





頁數 (Page): 8 of 8 號碼(No.): CE/2018/43719 日期(Date): 2018/04/20

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# CE/2018/43719



\*\* 報告結尾 (End of Report) \*\*

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