

**Test Report** 

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南亞塑膠工業股份有限公司嘉義二廠 NAN YA PLASTICS CORPORATION (CHIA-YI 2ND PLANT) 嘉義縣太保市南新里北港路二段201號 201, SECTION 2, PEI-KANG RD, TAI-BAO, CHIA-YI, 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) : 南亞塑膠工業股份有限公司嘉義二廠 (NAN YA PLASTICS CORPORATION (CHIA-YI

2ND PLANT))

樣品名稱(Sample Description) : BIAXIALLY ORIENIED POLYPROPYLENE FILM (雙軸延伸聚丙烯膜)

收件日期(Sample Receiving Date) : 2020/02/07

測試期間(Testing Period) : 2020/02/07 to 2020/02/14

#### 測試需求(Test Requested):

(1) 依據客戶指定,參考ROHS 2011/65/EU Annex II及其修訂指令(EU) 2015/863測試DBP, BBP, DEHP, DIBP. (As specified by client, with reference to ROHS 2011/65/EU Annex II and amending Directive (EU) 2015/863 to determine DBP, BBP, DEHP, DIBP contents in the submitted sample(s).)

(2) 其他測試項目請見下一頁. (Please refer to next pages for the other item(s).)

測試結果(Test Results) : 請參閱下一頁 (Please refer to following pages).

**結論(Conclusion)** : (1) 根據客戶所提供的樣品,其DBP, BBP, DEHP, DIBP的測試結果符合RoHS 2011/65/EU Annex

II暨其修訂指令(EU) 2015/863之限值要求. (Based on the performed tests on submitted sample(s), the test results of DBP, BBP, DEHP, DIBP comply with the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive

2011/65/EU.)

Troy Chang / Manager - Vec Signed for and behalf of SGS TAIWAN LTD. Chemical Laboratory - Taipei



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#### 測試結果(Test Results)

測試部位(PART NAME)No.1 : 透明塑膠膜 (TRANSPARENT PLASTIC FILM)

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	MDL	結果 (Result) No.1	限值 (Limit)
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 /質譜儀檢測. / With reference to IEC 62321-8 (2017). Analysis was performed by GC/MS.	50	n. d.	1000
鄰苯二甲酸二丁酯 / DBP (Dibutyl phthalate) (CAS No.: 84-74-2)	mg/kg		50	n. d.	1000
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.	1000
鄰苯二甲酸二異丁酯 / DIBP (Di-isobutyl phthalate) (CAS No.: 84-69-5)	mg/kg		50	n. d.	1000
鄰苯二甲酸二異癸酯 / DIDP (Di- isodecyl phthalate) (CAS No.: 26761- 40-0; 68515-49-1)	mg/kg		50	n. d.	-
鄰苯二甲酸二異壬酯 / DINP (Di-isononyl phthalate) (CAS No.: 28553-12-0; 68515-48-0)	mg/kg		50	n. d.	-
鄰苯二甲酸二正辛酯 / DNOP (Di-n-octyl phthalate) (CAS No.: 117-84-0)	mg/kg		50	n. d.	-

#### 備註(Note):

- 1. mg/kg = ppm ; 0.1wt% = 1000ppm
- 2. MDL = Method Detection Limit (方法偵測極限值)
- 3. n.d. = Not Detected (未檢出)
- 4. "-" = Not Regulated (無規格值)

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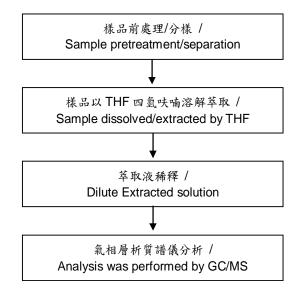
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#### 可塑劑分析流程圖 / Analytical flow chart - Phthalate

測試人員:涂雅苓 / Technician: Yaling Tu

測試負責人:張啟興 / Supervisor: Troy Chang

【測試方法/Test method: IEC 62321-8】



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> \* 照片中如有箭頭標示,則表示為實際檢測之樣品/部位. \* (The tested sample / part is marked by an arrow if it's shown on the photo.)

> > CE/2020/22151



\*\* 報告結尾 (End of Report) \*\*

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