

測試報告 Test Report

號碼(No.) : CE/2014/C6384 日期(Date) : 2015/01/07 頁數(Page) : 1 of 6

南亞塑膠工業股份有限公司

NAN YA PLASTICS CORPORATION

嘉義縣新港鄉中洋村中洋工業區2號 硬布一廠

NO. 2, CHUNGYANG INDUSTRIAL PARK, HSINKANG VILLAGE, CHIAYI COUNTY, 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 (NAN YA PLASTICS CORPORATION)
樣品名稱(Sample Description) : PP SYNTHETIC PAPER (PP合成紙)
同材質產品(Sample description of the same material) : PP 膠布/膜片 (PP SHEET/FILM)
收件日期(Sample Receiving Date) : 2014/12/30
測試期間(Testing Period) : 2014/12/30 TO 2015/01/07

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測試需求(Test Requested) : 依據客戶指定, 檢測可塑劑含量. (As specified by client, determine Phthalates content in the submitted sample(s).)
- 鄰苯二甲酸丁苯甲酯 / BBP (Butyl Benzyl phthalate)、鄰苯二甲酸二丁酯 / DBP (Dibutyl phthalate)
- 鄰苯二甲酸二(2-乙基己基)酯 / DEHP (Di-(2-ethylhexyl) phthalate)、鄰苯二甲酸二異癸酯 / DIDP (Di-isodecyl phthalate)
- 鄰苯二甲酸二異壬酯 / DINP (Di-isononyl phthalate)、鄰苯二甲酸二正辛酯 / DNOP (Di-n-octyl phthalate)
- 鄰苯二甲酸二異丁酯 / DIBP (Di-isobutyl phthalate)、鄰苯二甲酸二甲酯 / DMP (Di-methyl phthalate)
- 鄰苯二甲酸二丙酯 / DPrP (Di-propyl phthalate)、鄰苯二甲酸二環己酯 / DCHP (Di-cyclohexyl phthalate)
- 鄰苯二甲酸二乙酯 / DEP (Di-ethyl phthalate)、鄰苯二甲二異辛酯 / DIOP (Di-isooctyl phthalate)
- 鄰苯二甲酸二正壬酯 / DNNP (Di-n-nonyl phthalate) (DNP)、鄰苯二甲酸二己酯 / DNHP (Di-n-hexyl phthalate)
- 己二酸二(2-乙基己基)酯 / DEHA (Di-2-ethylhexyl adipate) (DOA)、鄰苯二甲酸二正戊酯 / DNPP (Di-n-pentyl phthalate)

測試方法(Test Method) : 請見下一頁 (Please refer to next pages.)

測試結果(Test Results) : 請見下一頁 (Please refer to next pages.)

Edison Chang / Sr. Supervisor
Signed for and on 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 : 白色片狀 (WHITE SHEET)

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
鄰苯二甲酸丁苯甲酯 / BBP (Butyl Benzyl phthalate) (CAS No.: 85-68-7)	%	參考EN 14372, 以氣相層析/質譜儀檢測。 / With reference to EN 14372. Analysis was performed by GC/MS.	0.003	n.d.
鄰苯二甲酸二丁酯 / DBP (Dibutyl phthalate) (CAS No.: 84-74-2)	%	參考EN 14372, 以氣相層析/質譜儀檢測。 / With reference to EN 14372. Analysis was performed by GC/MS.	0.003	n.d.
鄰苯二甲酸二(2-乙基己基)酯 / DEHP (Di-(2-ethylhexyl) phthalate) (CAS No.: 117-81-7)	%	參考EN 14372, 以氣相層析/質譜儀檢測。 / With reference to EN 14372. Analysis was performed by GC/MS.	0.003	n.d.
鄰苯二甲酸二異癸酯 / DIDP (Di-isodecyl phthalate) (CAS No.: 26761-40-0; 68515-49-1)	%	參考EN 14372, 以氣相層析/質譜儀檢測。 / With reference to EN 14372. Analysis was performed by GC/MS.	0.01	n.d.
鄰苯二甲酸二異壬酯 / DINP (Di-isononyl phthalate) (CAS No.: 28553-12-0; 68515-48-0)	%	參考EN 14372, 以氣相層析/質譜儀檢測。 / With reference to EN 14372. Analysis was performed by GC/MS.	0.01	n.d.
鄰苯二甲酸二正辛酯 / DNOP (Di-n-octyl phthalate) (CAS No.: 117-84-0)	%	參考EN 14372, 以氣相層析/質譜儀檢測。 / With reference to EN 14372. Analysis was performed by GC/MS.	0.003	n.d.
鄰苯二甲酸二異丁酯 / DIBP (Di-isobutyl phthalate) (CAS No.: 84-69-5)	%	參考EN 14372, 以氣相層析/質譜儀檢測。 / With reference to EN 14372. Analysis was performed by GC/MS.	0.003	n.d.

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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
鄰苯二甲酸二甲酯 / DMP (Di-methyl phthalate) (CAS No.: 131-11-3)	%	參考EN 14372, 以氣相層析/質譜儀檢測。 / With reference to EN 14372. Analysis was performed by GC/MS.	0.003	n.d.
鄰苯二甲酸二丙酯 / DPrP (Di-propyl phthalate) (CAS No.: 131-16-8)	%	參考EN 14372, 以氣相層析/質譜儀檢測。 / With reference to EN 14372. Analysis was performed by GC/MS.	0.003	n.d.
鄰苯二甲酸二環己酯 / DCHP (Di-cyclohexyl phthalate) (CAS No.: 84-61-7)	%	參考EN 14372, 以氣相層析/質譜儀檢測。 / With reference to EN 14372. Analysis was performed by GC/MS.	0.003	n.d.
鄰苯二甲酸二乙酯 / DEP (Di-ethyl phthalate) (CAS No.: 84-66-2)	%	參考EN 14372, 以氣相層析/質譜儀檢測。 / With reference to EN 14372. Analysis was performed by GC/MS.	0.003	n.d.
鄰苯二甲酸二異辛酯 / DIOP (Di-isooctyl phthalate) (CAS No.: 27554-26-3)	%	參考EN 14372, 以氣相層析/質譜儀檢測。 / With reference to EN 14372. Analysis was performed by GC/MS.	0.01	n.d.
鄰苯二甲酸二正壬酯 / DNNP (Di-n-nonyl phthalate)(DNP) (CAS No.: 84-76-4)	%	參考EN 14372, 以氣相層析/質譜儀檢測。 / With reference to EN 14372. Analysis was performed by GC/MS.	0.003	n.d.
鄰苯二甲酸二己酯 / DNHP (Di-n-hexyl phthalate) (CAS No.: 84-75-3)	%	參考EN 14372, 以氣相層析/質譜儀檢測。 / With reference to EN 14372. Analysis was performed by GC/MS.	0.003	n.d.
己二酸二(2-乙基己基)酯 / DEHA (Di-2-ethylhexyl adipate) (DOA) (CAS No.: 103-23-1)	%	參考EN 14372, 以氣相層析/質譜儀檢測。 / With reference to EN 14372. Analysis was performed by GC/MS.	0.003	n.d.

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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
鄰苯二甲酸二正戊酯 / DNPP (Di-n-pentyl phthalate) (CAS No.: 131-18-0)	%	參考EN 14372, 以氣相層析/質譜儀檢測. / With reference to EN 14372. Analysis was performed by GC/MS.	0.003	n.d.

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)

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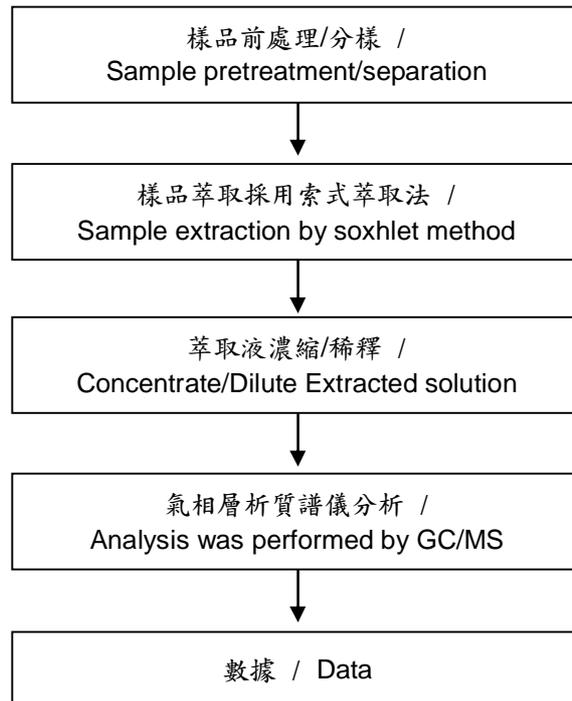


索式萃取(GC/MS)分析流程圖 /

Analytical flow chart of Soxhlet extraction (GC/MS) procedure

- 1) 測試人員：翁賜彬 / Name of the person who made measurement: Roman Wong
- 2) 測試負責人：張啓興 / Name of the person in charge of measurement: Troy Chang

■ 測試項目(Test Items): 可塑劑 / Phthalate



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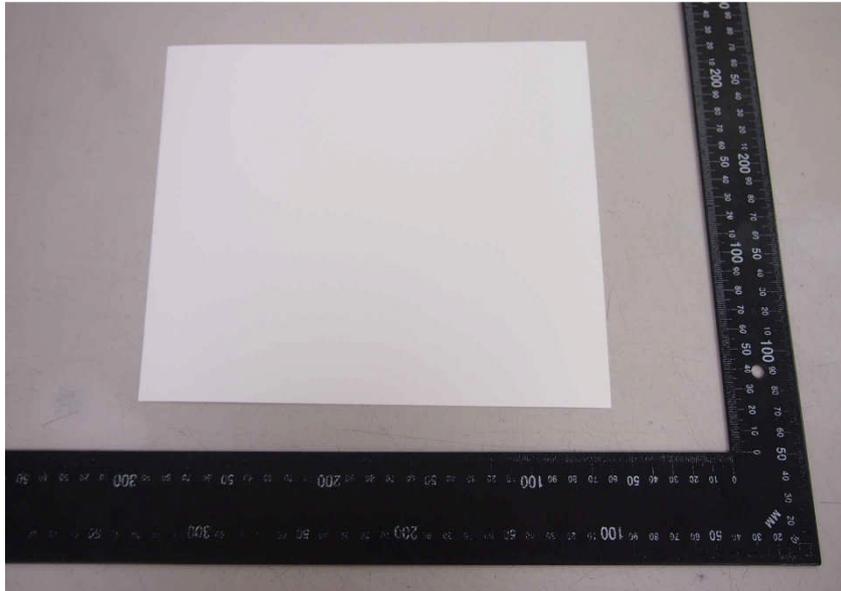
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* 照片中如有箭頭標示，則表示為實際檢測之樣品/部位。*
(The tested sample / part is marked by an arrow if it's shown on the photo.)

CE/2014/C6384



** 報告結尾(End of Report) **