



測試報告

Test Report

號碼(No.): ETR24500898

日期(Date): 16-May-2024

頁數(Page): 1 of 8

宇祥網版塗料股份有限公司 (YU HSING SCREEN & PAINT CO., LTD.)

台中市豐原區圓環東路270號 (NO. 270, YUAN HUAN E. RD., FENG YUAN DIST., TAIWAN, R. O. C.)

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 the applicant as) :

送樣廠商(Sample Submitted By) : 宇祥網版塗料股份有限公司 (YU HSING SCREEN & PAINT CO., LTD.)

樣品名稱(Sample Name) : 客戶自行調配之樣品 (SAMPLE IS BLENDED BY CLIENT):

A-88型 透明油墨 \ A-88TRANSPARENT INK

A-88型 特白油墨 \ A-88WHITE INK

A-88型 特黑油墨 \ A-88 BLACK INK

A-88型 桔紅油墨 \ A-88 SUPER ORANGE INK

A-88型 清紅油墨 \ A-88 BRIGHT RED INK

A-88型 金紅油墨 \ A-88 GOLD RED INK

A-88型 洋紅油墨 \ A-88 MAGENTA INK

A-88型 玫瑰紅油墨 \ A-88 ROSE RED INK

A-88型 紫紅油墨 \ A-88 PURPLE RED INK

A-88型 紫藍油墨 \ A-88 VIOLET INK

A-88型 特藍油墨 \ A-88 PERMANENT BLUE INK

A-88型 群藍油墨 \ A-88 BRILLIANT BLUE INK

A-88型 特綠油墨 \ A-88 PERMANENT GREEN INK

A-88型 中黃油墨 \ A-88 GOLDEN YELLOW INK

A-88型 檸檬黃油墨 \ A-88 LEMON YELLOW INK

A-88型 四原黑油墨 \ A-88 BLACK TIX INK

A-88型 四原黃油墨 \ A-88 YELLOW TIX INK

A-88型 四原藍油墨 \ A-88 CYAN TIX INK


A-88型 四原紅油墨 \ A-88 MAGENTA TIX INK

收件日(Sample Receiving Date) : 07-May-2024

測試期間(Testing Period) : 07-May-2024 to 16-May-2024

測試需求(Test Requested) : 依據客戶要求進行測試，測試項目請參閱測試結果表格。(Testing item(s) is/are specified by client. Please refer to result table for testing item(s).)

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


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



PIN CODE: B05B02DB

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台中市豐原區圓環東路270號 (NO. 270, YUAN HUAN E. RD., FENG YUAN DIST., TAIWAN, R. O. C.)

測試部位敘述 (Test Part Description)
No.1 : 黑色油墨(客戶自行調配之樣品) (乾基) (BLACK INK(SAMPLE IS BLENDED BY CLIENT) (DRY BASE))

測試結果 (Test Results)

測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	結果 (Result)
				No.1
鎘 (Cd) (Cadmium (Cd))	參考IEC 62321-5: 2013 · 以感應耦合電漿發射光譜儀分析。(With reference to IEC 62321-5: 2013, analysis was performed by ICP-OES.)	mg/kg	2	n.d.
鉛 (Pb) (Lead (Pb))	參考IEC 62321-5: 2013 · 以感應耦合電漿發射光譜儀分析。(With reference to IEC 62321-5: 2013, analysis was performed by ICP-OES.)	mg/kg	2	n.d.
汞 (Hg) (Mercury (Hg))	參考IEC 62321-4: 2013+ AMD1: 2017 · 以感應耦合電漿發射光譜儀分析。(With reference to IEC 62321-4: 2013+ AMD1: 2017, analysis was performed by ICP-OES.)	mg/kg	2	n.d.
六價鉻 Cr(VI) (Hexavalent Chromium Cr(VI))	參考IEC 62321-7-2: 2017 · 以紫外光-可見光分光光度計分析。(With reference to IEC 62321-7-2: 2017, analysis was performed by UV-VIS.)	mg/kg	8	n.d.
一溴聯苯 (Monobromobiphenyl)	參考IEC 62321-6: 2015 · 以氣相層析儀/質譜儀分析。(With reference to IEC 62321-6: 2015, analysis was performed by GC/MS.)	mg/kg	5	n.d.
二溴聯苯 (Dibromobiphenyl)		mg/kg	5	n.d.
三溴聯苯 (Tribromobiphenyl)		mg/kg	5	n.d.
四溴聯苯 (Tetrabromobiphenyl)		mg/kg	5	n.d.
五溴聯苯 (Pentabromobiphenyl)		mg/kg	5	n.d.
六溴聯苯 (Hexabromobiphenyl)		mg/kg	5	n.d.
七溴聯苯 (Heptabromobiphenyl)		mg/kg	5	n.d.
八溴聯苯 (Octabromobiphenyl)		mg/kg	5	n.d.
九溴聯苯 (Nonabromobiphenyl)		mg/kg	5	n.d.
十溴聯苯 (Decabromobiphenyl)		mg/kg	5	n.d.
多溴聯苯總和 (Sum of PBBs)		mg/kg	-	n.d.

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台中市豐原區圓環東路270號 (NO. 270, YUAN HUAN E. RD., FENG YUAN DIST., TAIWAN, R. O. C.)

測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	結果 (Result)
				No.1
一溴聯苯醚 (Monobromodiphenyl ether)	參考IEC 62321-6: 2015 · 以氣相層析儀/質譜儀分析。(With reference to IEC 62321-6: 2015, analysis was performed by GC/MS.)	mg/kg	5	n.d.
二溴聯苯醚 (Dibromodiphenyl ether)		mg/kg	5	n.d.
三溴聯苯醚 (Tribromodiphenyl ether)		mg/kg	5	n.d.
四溴聯苯醚 (Tetrabromodiphenyl ether)		mg/kg	5	n.d.
五溴聯苯醚 (Pentabromodiphenyl ether)		mg/kg	5	n.d.
六溴聯苯醚 (Hexabromodiphenyl ether)		mg/kg	5	n.d.
七溴聯苯醚 (Heptabromodiphenyl ether)		mg/kg	5	n.d.
八溴聯苯醚 (Octabromodiphenyl ether)		mg/kg	5	n.d.
九溴聯苯醚 (Nonabromodiphenyl ether)		mg/kg	5	n.d.
十溴聯苯醚 (Decabromodiphenyl ether)		mg/kg	5	n.d.
多溴聯苯醚總和 (Sum of PBDEs)		mg/kg	-	n.d.
鄰苯二甲酸丁苯甲酯 (BBP) (Butyl benzyl phthalate (BBP))	參考IEC 62321-8: 2017 · 以氣相層析儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	50	n.d.
鄰苯二甲酸二丁酯 (DBP) (Dibutyl phthalate (DBP))	參考IEC 62321-8: 2017 · 以氣相層析儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	50	59.4
鄰苯二甲酸二(2-乙基己基)酯 (DEHP) (Di-(2-ethylhexyl) phthalate (DEHP))	參考IEC 62321-8: 2017 · 以氣相層析儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	50	n.d.
鄰苯二甲酸二異丁酯 (DIBP) (Diisobutyl phthalate (DIBP))	參考IEC 62321-8: 2017 · 以氣相層析儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	50	n.d.
鄰苯二甲酸二異癸酯 (DIDP) (Diisodecyl phthalate (DIDP)) (CAS No.: 26761-40-0, 68515-49-1)	參考IEC 62321-8: 2017 · 以氣相層析儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	50	n.d.
鄰苯二甲酸二異壬酯 (DINP) (Diisononyl phthalate (DINP)) (CAS No.: 28553-12-0, 68515-48-0)	參考IEC 62321-8: 2017 · 以氣相層析儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	50	n.d.

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台中市豐原區圓環東路270號 (NO. 270, YUAN HUAN E. RD., FENG YUAN DIST., TAIWAN, R. O. C.)

測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	結果 (Result)
				No.1
鄰苯二甲酸二正辛酯 (DNOP) (Di-n-octyl phthalate (DNOP)) (CAS No.: 117-84-0)	參考IEC 62321-8: 2017 · 以氣相層析儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	50	n.d.

- 備註(Note) :
- 1. mg/kg = ppm ; 0.1wt% = 0.1% = 1000ppm
 - 2. MDL = Method Detection Limit (方法偵測極限值)
 - 3. n.d. = Not Detected (未檢出) ; 小於MDL / Less than MDL
 - 4. "-" = Not Regulated (無規格值)
 - 5. 樣品在100 °C 持溫 4小時乾燥後測試。(The sample(s) was/were tested after drying at 100 °C for 4 hours.)

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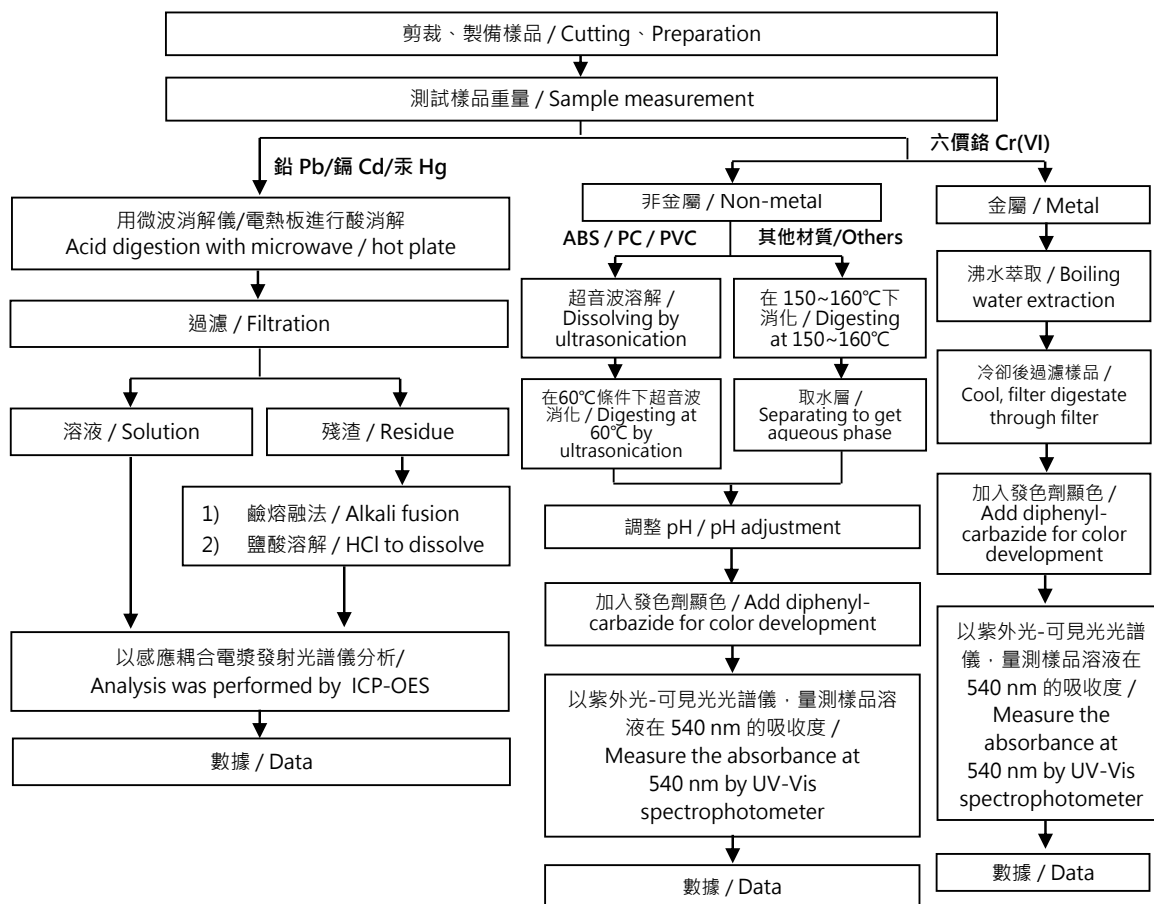
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台中市豐原區圓環東路270號 (NO. 270, YUAN HUAN E. RD., FENG YUAN DIST., TAIWAN, R. O. C.)

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)

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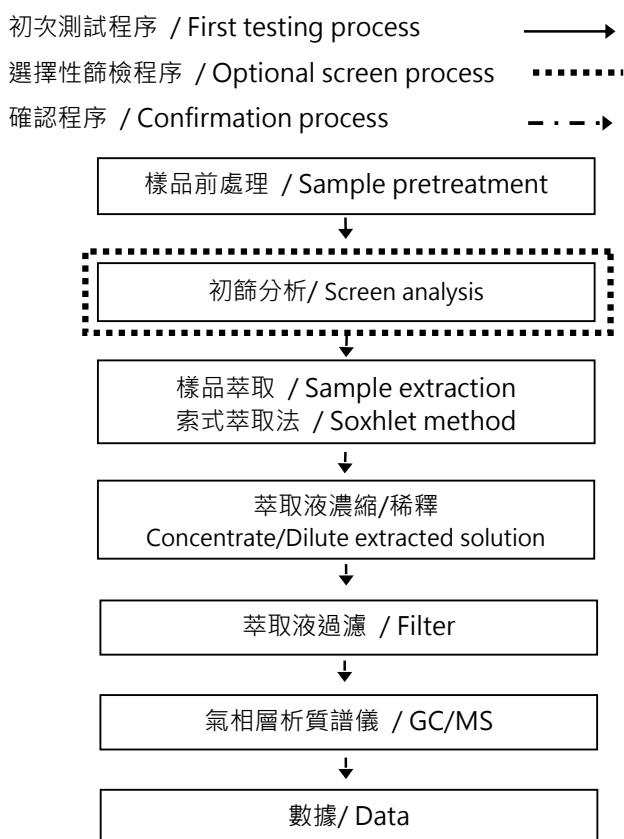
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台中市豐原區圓環東路270號 (NO. 270, YUAN HUAN E. RD., FENG YUAN DIST., TAIWAN, R. O. C.)

多溴聯苯/多溴聯苯醚分析流程圖 / Analytical flow chart - PBBs/PBDEs



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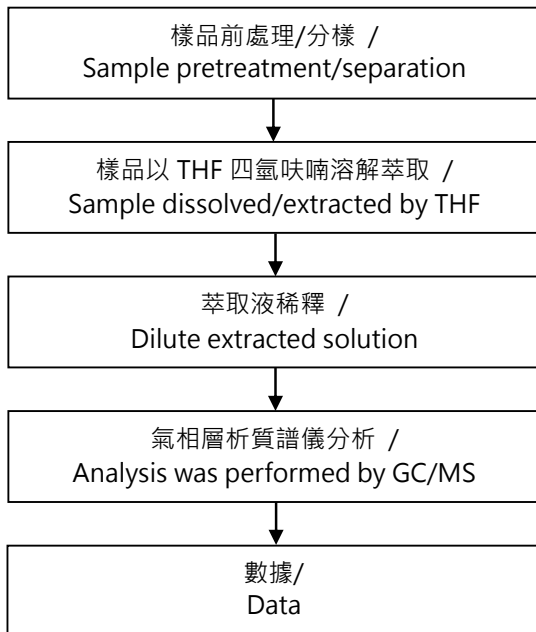
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台中市豐原區圓環東路270號 (NO. 270, YUAN HUAN E. RD., FENG YUAN DIST., TAIWAN, R. O. C.)

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

【測試方法/Test method: IEC 62321-8】



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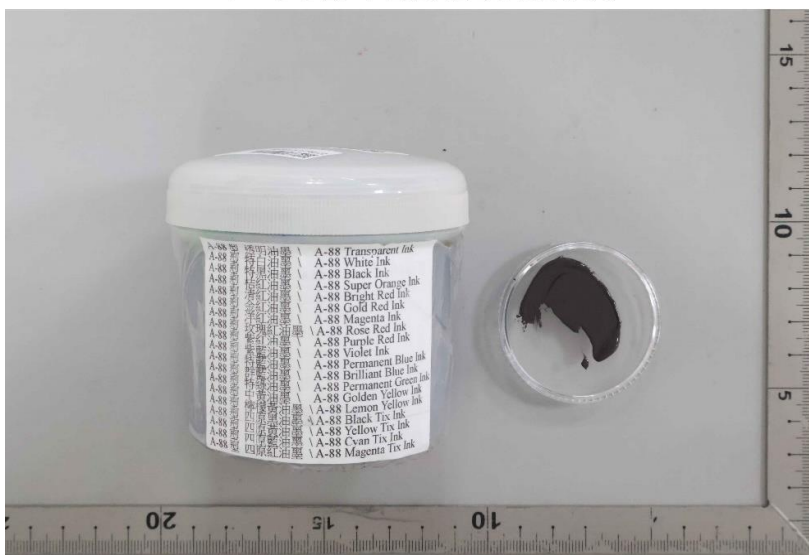
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* 照片中如有箭頭標示，則表示為實際檢測之樣品/部位。*

(The tested sample / part is marked by an arrow if it's shown on the photo.)

ETR24500898



** 報告結尾 (End of Report) **

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