

測試報告 Test Report

號碼(No.) : CE/2019/93505 日期(Date) : 2019/09/27 頁數 (Page) : 1 of 7

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/on behalf of 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 Description) : 客戶自行調配之樣品 \ SAMPLE IS BLENDED BY CLIENT :

PK-66(C-86)型 透明油墨 \ PK-66(C-86) TRANSPARENT INK
 PK-66(C-86)型 特白油墨 \ PK-66(C-86) WHITE INK
 PK-66(C-86)型 特黑油墨 \ PK-66(C-86) BLACK INK
 PK-66(C-86)型 桔紅油墨 \ PK-66(C-86) SUPER ORANGE INK
 PK-66(C-86)型 清紅油墨 \ PK-66(C-86) BRIGHT RED INK
 PK-66(C-86)型 金紅油墨 \ PK-66(C-86) GOLD RED INK
 PK-66(C-86)型 洋紅油墨 \ PK-66(C-86) MAGENTA INK
 PK-66(C-86)型 玫瑰紅油墨 \ PK-66(C-86) ROSE RED INK
 PK-66(C-86)型 紫紅油墨 \ PK-66(C-86) PURPLE RED INK
 PK-66(C-86)型 紫藍油墨 \ PK-66(C-86) VIOLET INK
 PK-66(C-86)型 特藍油墨 \ PK-66(C-86) PERMANENT BLUE INK
 PK-66(C-86)型 群藍油墨 \ PK-66(C-86) BRILLIANT BLUE INK
 PK-66(C-86)型 特綠油墨 \ PK-66(C-86) PERMANENT GREEN INK
 PK-66(C-86)型 中黃油墨 \ PK-66(C-86) GOLDEN YELLOW INK
 PK-66(C-86)型 檸檬黃油墨 \ PK-66(C-86) LEMON YELLOW INK
 PK-66(C-86)型 四原黑油墨 \ PK-66(C-86) BLACK TIX INK
 PK-66(C-86)型 四原黃油墨 \ PK-66(C-86) YELLOW TIX INK
 PK-66(C-86)型 四原藍油墨 \ PK-66(C-86) CYAN TIX INK
 PK-66(C-86)型 四原紅油墨 \ PK-66(C-86) MAGENTA TIX INK

收件日期(Sample Receiving Date) : 2019/09/20

測試期間(Testing Period) : 2019/09/20 to 2019/09/27

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).)

測試方法(Test Method) : 請參閱下一頁 (Please refer to following pages).

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

Troy Chang / Manager
 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 : 黑色油墨 (客戶自行調配之樣品) (BLACK INK (SAMPLE IS BLENDED BY CLIENT))

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
鎘 / Cadmium (Cd)	mg/kg	參考IEC 62321-5 (2013), 以感應耦合電漿發射光譜儀檢測. / With reference to IEC 62321-5 (2013) and performed by ICP-OES.	2	n. d.
鉛 / Lead (Pb)	mg/kg		2	n. d.
汞 / Mercury (Hg)	mg/kg	參考IEC 62321-4:2013+ AMD1:2017, 以感應耦合電漿發射光譜儀檢測. / With reference to IEC 62321-4:2013+ AMD1:2017 and performed by ICP-OES.	2	n. d.
六價鉻 / Hexavalent Chromium Cr(VI)	mg/kg	參考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.
多溴聯苯總和 / Sum of PBBs	mg/kg	參考IEC 62321-6 (2015), 以氣相層析/質譜儀檢測. / With reference to IEC 62321-6 (2015) and performed by GC/MS.	-	n. d.
一溴聯苯 / Monobromobiphenyl	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.

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#REF!

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
多溴聯苯醚總和 / Sum of PBDEs	mg/kg	參考IEC 62321-6 (2015), 以氣相層析/ 質譜儀檢測. / With reference to IEC 62321-6 (2015) and performed by GC/MS.	-	n. d.
一溴聯苯醚 / Monobromodiphenyl ether	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.
鄰苯二甲酸二 (2-乙基己基) 酯 / DEHP (Di- (2-ethylhexyl) phthalate) (CAS No. : 117-81-7)	mg/kg	參考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.
鄰苯二甲酸丁苯甲酯 / BBP (Butyl Benzyl phthalate) (CAS No. : 85-68- 7)	mg/kg		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.

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)

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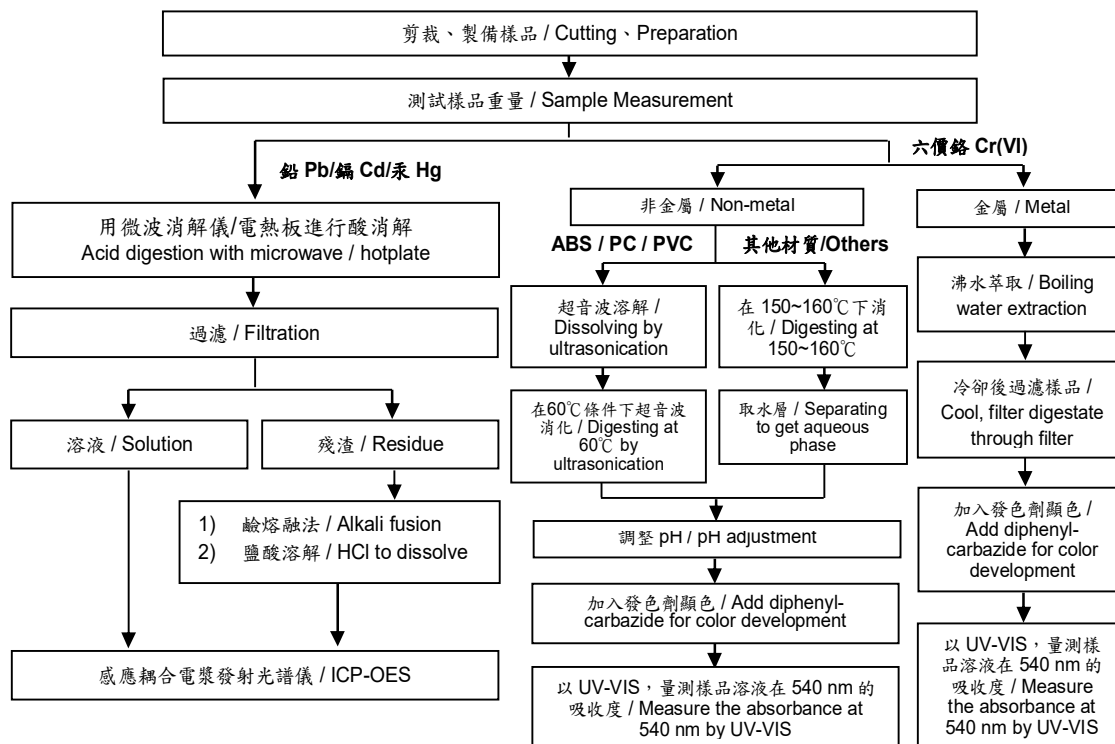
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重金屬流程圖 / Analytical flow chart of Heavy Metal

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：陳思臻 / Technician : Rita Chen
- 測試負責人：張啟興 / Supervisor: Troy Chang



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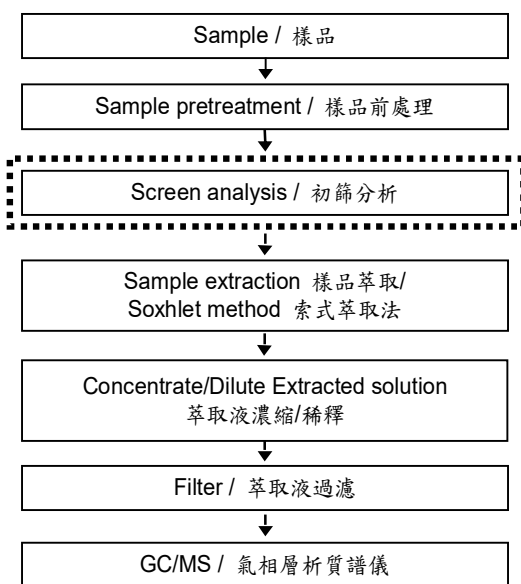
多溴聯苯/多溴聯苯醚分析流程圖 / Analytical flow chart - PBB/PBDE

- 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 - - ->



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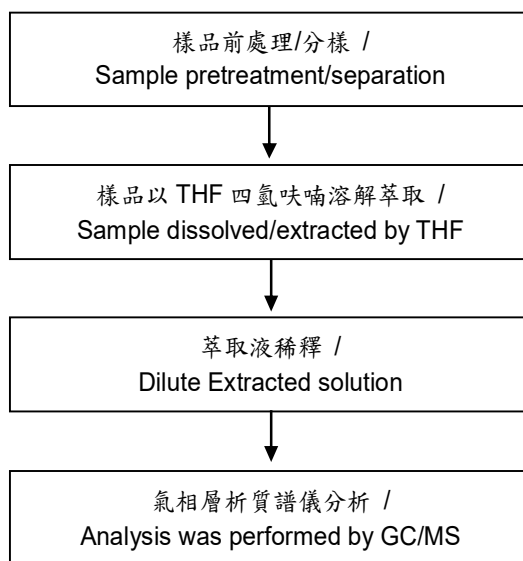
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NO. 270, YUAN HUAN E. RD., FENG YUAN DIST., TAIWAN, R. O. C.

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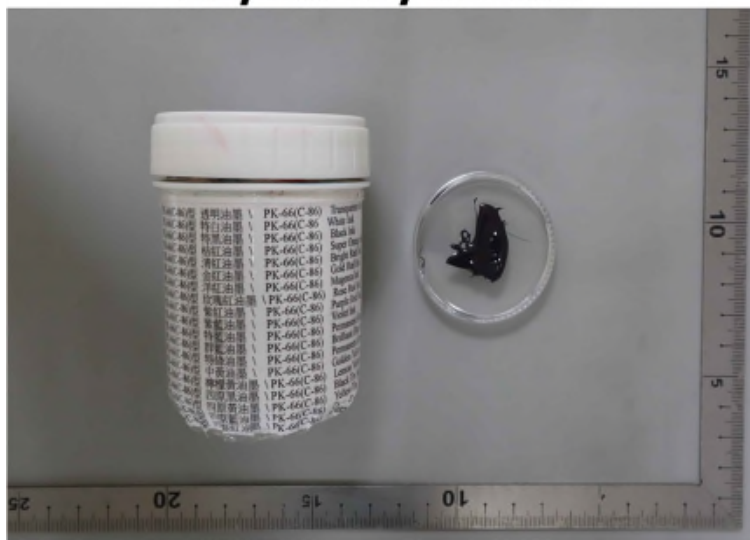
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* 照片中如有箭頭標示，則表示為實際檢測之樣品/部位。*
(The tested sample / part is marked by an arrow if it's shown on the photo.)

CE/2019/93505



** 報告結尾 (End of Report) **

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