

## 測試報告

## Test Report

報告編號(No.): HTY24500024

報告日期(DATE): 2024/05/15

頁數(PAGE): 1 of 6

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

420 台中市豐原區圓環東路270號 ( NO. 270, YUAN HUAN E. RD., FENG YUAN CITY, 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) :

樣品名稱(Sample Description) : 請見第五頁。 (Please refer to page 5.)

收件日(Sample Receiving Date) : 2024/05/08

測試期間(Testing Period) : 2024/05/08 to 2024/05/15

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。(The test was specified by client, please refer to the result table(s) for details.)

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

Singh Hsiao / Asst. Manager  
Signed for and on behalf of  
SGS TAIWAN LTD.  
Chemical Laboratory - Taipei



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### 測試部位敘述(Test Part Description)

No.1 : 黑色油墨 (客戶自行調配之樣品) (Black ink (SAMPLE IS BLENDED BY CLIENT))

### 測試結果(Test Results)

測試項目 (Test Item(s))	測試方法 (Method)	單位 (Unit)	RL	結果 (Result)
				No.1
溶出銅 (Cu) / Soluble Copper (Cu) ( CAS No.7440-50-8 )	參考 EN 71-3:2019+A1:2021，以感應 耦合電漿發射光譜儀(ICP-OES)分析。 / With reference to EN 71-3 : 2019 + A1 : 2021. Analysis was performed by ICP-OES.	mg/kg	50	n.d.
溶出銦 (Sr) / Soluble Strontium (Sr) ( CAS No.7440-24-6 )		mg/kg	50	n.d.
溶出鋁 (Al) / Soluble Aluminum (Al) ( CAS No.7429-90-5 )		mg/kg	50	76.8
溶出鋇 (Ba) / Soluble Barium (Ba) ( CAS No.7440-39-3 )		mg/kg	50	n.d.
溶出鎳 (Ni) / Soluble Nickel (Ni) ( CAS No.7440-02-0 )		mg/kg	10	n.d.
溶出硼 (B) / Soluble Boron (B) ( CAS No.7440-42-8 )		mg/kg	50	n.d.
溶出砷 (As) / Soluble Arsenic (As) ( CAS No.7440-38-2 )		mg/kg	10	n.d.
溶出硒 (Se) / Soluble Selenium (Se) ( CAS No.7782-49-2 )		mg/kg	10	n.d.
溶出鋅 (Zn) / Soluble Zinc (Zn) ( CAS No.7440-66-6 )		mg/kg	50	n.d.
溶出鉻 (Cr) / Soluble Chromium (Cr) ( CAS No.7440-47-3 )		mg/kg	5	n.d.
溶出錫 (Sn) / Soluble Tin (Sn) ( CAS No.7440-31-5 )		mg/kg	4.9	n.d.
溶出鉛 (Pb) / Soluble Lead (Pb) ( CAS No.7439-92-1 )		mg/kg	10	n.d.

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報告編號(No.): HTY24500024

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頁數(PAGE): 3 of 6

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測試項目 (Test Item(s))	測試方法 (Method)	單位 (Unit)	RL	結果 (Result)
				No.1
溶出鎘 (Cd) / Soluble Cadmium (Cd) ( CAS No.7440-43-9 )	參考 EN 71-3:2019+A1:2021，以感應 耦合電漿發射光譜儀(ICP-OES)分析。 / With reference to EN 71-3 : 2019 + A1 : 2021. Analysis was performed by ICP-OES.	mg/kg	5	n.d.
溶出鈷 (Co) / Soluble Cobalt (Co) ( CAS No.7440-48-4 )		mg/kg	10	n.d.
溶出銻 (Sb) / Soluble Antimony (Sb) ( CAS No.7440-36-0 )		mg/kg	10	n.d.
溶出錳 (Mn) / Soluble Manganese (Mn) ( CAS No.7439-96-5 )		mg/kg	50	n.d.
溶出汞 (Hg) / Soluble Mercury (Hg) ( CAS No.7439-97-6 )		mg/kg	10	n.d.
溶出三價鉻 Cr (III) / Soluble Chromium (III) (Cr (III)) ( CAS No.16065-83-1 )	參考 EN 71-3 : 2019+ A1 : 2021，溶 出三價鉻由計算求得。 / With reference to EN 71-3 : 2019+ A1 : 2021 . Soluble Chromium (III) was obtained by calculation.	mg/kg	5	n.d.
溶出六價鉻 Cr (VI) / Soluble Chromium (VI) (Cr (VI)) ( CAS No.18540-29-9 )	參考 EN 71-3 : 2019 + A1 : 2021，以 液相層析感應耦合電漿質譜儀(LC-ICP- MS)分析。 / With reference to EN 71- 3 : 2019 + A1 : 2021. Analysis was performed by LC-ICP-MS.	mg/kg	0.02	n.d.

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測試項目 (Test Item(s))	測試方法 (Method)	單位 (Unit)	RL	結果 (Result)
				No.1
單丁基錫 (BuT) / n-butyltin (BuT)	參考 EN 71-3 : 2019 + A1 : 2021 · 以 氣相層析質譜儀(GC-MS)分析。 / With reference to EN 71-3 : 2019 + A1 : 2021. Analysis was performed by GC- MS.	mg/kg	1.8	n.d.
二丁基錫 (DBT) / Dibutyl tin (DBT)		mg/kg	1.8	n.d.
二甲基錫 (DMT) / Dimethyl tin (DMT)		mg/kg	1.8	n.d.
二辛基錫 (DOT) / Dioctyl tin (DOT)		mg/kg	1.8	n.d.
二苯基錫 (DPhT) / Diphenyl tin (DPhT)		mg/kg	1.8	n.d.
二丙基錫 (DProT) / Di-n-propyl tin (DProT)		mg/kg	1.8	n.d.
單甲基錫 (MeT) / Methyl tin (MeT)		mg/kg	1.8	n.d.
單辛基錫 (MOT) / Monoctyl tin (MOT)		mg/kg	1.8	n.d.
三丁基錫 (TBT) / Tributyl tin (TBT)		mg/kg	1.8	n.d.
四丁基錫 (TeBT) / Tetrabutyl tin (TeBT)		mg/kg	1.8	n.d.
三苯基錫 (TPT) / Triphenyl tin (TPT)		mg/kg	1.8	n.d.
溶出有機錫 / Soluble Organic Tin		mg/kg	-	n.d.

## 備註(Note) :

1. mg/kg = ppm ; 0.1% = 1000 ppm
2. RL = Reporting Limit (報告極限值)
3. n.d. = Not Detected (未檢出) = Less than (小於) RL
4. "-" = Not Regulated (無規格值)
5. 報告中的測試結果不代表其中個別單一材質的含量。(The test result(s) in the report does/do not represent the content of individual material.)
6. 本報告不得分離或擷錄使用。(The report is invalid if it is partly reproduced or used.)

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### 樣品名稱(Sample Description)

A-88型 透明油墨 \ A-88 Transparent Ink  
A-88型 特白油墨 \ A-88 White 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

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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.)

**HTY24500024****\*\* 報告結尾 (End of Report) \*\***

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