



測試報告

Test Report

號碼(No.) : KU/2016/60008

日期(Date) : 2016/06/15

頁數(Page) : 1 of 4

宇盛塑膠工業股份有限公司

YEU SHENG PLASTIC INDUSTRIAL CO.,LTD

臺南市仁德區新田里勝利一街35號

NO.35, SHENGLI 1ST ST., RENDE DIST., TAINAN CITY 717, 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) : 壓克力 PMMA
樣品材質(Material Component) : 壓克力 (ACRYLIC)
收件日期(Sample Receiving Date) : 2016/06/01
測試期間(Testing Period) : 2016/06/01 TO 2016/06/15
送樣廠商(Sample Submitted By) : 宇盛塑膠工業股份有限公司 (YEU SHENG PLASTIC INDUSTRIAL CO.,LTD)

測試需求(Test Requested) :

依據客戶指定，參考美國聯邦法規之藥物暨食品管理(FDA) 21 CFR 177.1010(使用條件D)進行測試。測試項目請參閱測試結果表格。 / As specified by client, with reference to U.S. Food and Drug Administration (FDA) 21 CFR 177.1010 (Condition of use D) to conduct test. Please refer to result table for testing item(s).

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


Ray Chang, Ph.D. / Manager-Test
Signed for and on behalf of
SGS Taiwan Limited
Chemical Laboratory-Kaohsiung



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測試結果(Test Results)

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

通過(PASS)

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	限值 (Limit)
總不揮發萃取物（水，150°F，2小時） / Total nonvolatile extractives (D.I.- Water, 150°F, 2 hours)	mg/in ²	參考美國FDA (CFR) Title 21, Pt 177.1010 condition D (2015). / With reference to CFR Title 21, Pt 177.1010 condition D (2015).	0.05	0.0706	0.3
紫外光吸收萃取（水，150°F，2小時） / Ultraviolet-absorbing extractives (D.I.-Water, 150°F, 2 hours)	Absorbance / 吸收度		0.02	n.d.	0.3
高錳酸鉀氧化萃取物（水，150°F，2小時） / Potassium permanganate oxidizable extractives (D.I.-Water, 150°F, 2 hours)	Absorbance / 吸收度		0.02	n.d.	0.15
總不揮發萃取物（正庚烷，100°F，30分鐘） / Total nonvolatile extractives (n- Heptane, 100°F, 30 min)	mg/in ²		0.05	n.d.	0.3
紫外光吸收萃取（正庚烷，100°F，30分鐘） / Ultraviolet-absorbing extractives (n-Heptane, 100°F, 30 min)	Absorbance / 吸收度		0.02	n.d.	0.1
總不揮發萃取物（8% 酒精，150°F，2小時） / Total nonvolatile extractives (8% Alcohol, 150°F, 2 hours)	mg/in ²		0.05	n.d.	0.3
紫外光吸收萃取（8% 酒精，150°F，2小時） / Ultraviolet-absorbing extractives (8% Alcohol, 150°F, 2 hours)	Absorbance / 吸收度		0.02	n.d	0.3
高錳酸鉀氧化萃取（8% 酒精，150°F，2小 時） / Potassium permanganate oxidizable extractives (8% Alcohol, 150°F, 2 hours)	Absorbance / 吸收度		0.02	0.03	0.15

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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)	限值 (Limit)
				No.1	
總不揮發萃取物 (50% 酒精, 150°F, 2小時) / Total nonvolatile extractives (50% Alcohol, 150°F, 2 hours)	mg/in ²	參考美國FDA (CFR) Title 21, Pt 177.1010 condition D (2015). / With reference to CFR Title 21, Pt 177.1010 condition D (2015).	0.05	0.0806	0.3
紫外光吸收萃取 (50% 酒精, 150°F, 2小時) / Ultraviolet-absorbing extractives (50% Alcohol, 150°F, 2 hours)	Absorbance / 吸收度		0.02	0.19	0.3
高錳酸鉀氧化萃取 (50% 酒精, 150°F, 2小時) / Potassium permanganate oxidizable extractives (50% Alcohol, 150°F, 2 hours)	Absorbance / 吸收度		0.02	n.d.	0.15

備註(Note) :

- 0.1wt% = 1000ppm ; mg/kg = ppm
- MDL = Method Detection Limit (方法偵測極限值)
- n.d. = Not Detected = less than MDL (未檢出)
- The test was subcontracted to other SGS Laboratory (此測試由SGS其他實驗室執行)

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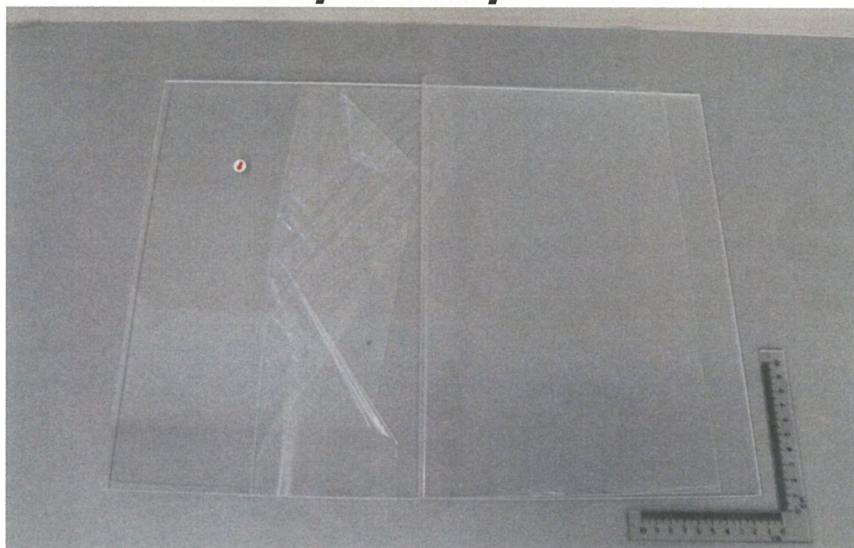
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* 照片中如有箭頭標示，則表示為實際檢測之樣品/部位。*

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

KU/2016/60008



** 報告結尾 (End of Report) **

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