測試報告
Test Report

報告編號(No.): HKF24300047　　報告日期(DATE): 2024/03/22　　頁數(PAGE): 1 of 4

台灣塑膠工業股份有限公司 (FORMOSA PLASTICS CORPORATION)
台北市內湖區南京東路六段380號A1棟10樓 (10F, NO. 380, SEC. 6, NANJING E. RD., NEIHU DIST., TAIPEI 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)：

送樣廠商(Sample Submitted By)	:	台灣塑膠工業股份有限公司 (FORMOSA PLASTICS CORPORATION)
樣品名稱(Sample Description)	:	FORMOCON (台塑鋼)
樣品型號(Style/Item No.)	:	FM090, FM090LV, FM090LCf
樣品材質(Sample Material)	:	共聚型聚縮醛 (POLYOXYMETHYLENE COPOLYMER)

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收件日(Sample Receiving Date)	:	2024/03/13
測試期間(Testing Period)	:	2024/03/13 to 2024/03/22

測試需求 (Test Requested)　　:

(1) 客戶指定依據美國聯邦法規之藥物暨食品管理 (FDA) 21 CFR 177.2470 (d)(2) 進行測試。測試項目請參閱測試結果表格。 (As specified by client, the sample(s) was/were tested according to U.S. Food and Drug Administration (FDA) 21 CFR 177.2470 (d)(2). Please refer to the result table(s) for the testing item(s).)

(2) 客戶指定依據美國聯邦法規之藥物暨食品管理 (FDA) 21 CFR 177.2470 (d)(1) 進行測試。測試項目請參閱測試結果表格。 (As specified by client, the sample(s) was/were tested according to U.S. Food and Drug Administration (FDA) 21 CFR 177.2470 (d)(1). Please refer to the result table(s) for the testing item(s).)

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

報告簽署人/張伯睿 博士/部經理
Ray Chang, Ph.D. / Department Manager
Signed for and on behalf of
SGS Taiwan Ltd
化學實驗室-高雄/
Chemical Laboratory-Kaohsiung

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測試部位敘述(Test Part Description)

No.1 : 白色塑膠片 (WHITE PLASTIC SHEET)

測試結果(Test Results)

(1) 通過(PASS)

測試項目 (Test Item(s))	測試方法 (Method)	單位 (Unit)	RL	結果 (Result) No.1	限值 (Limit)
總萃取物 (水, 迴流, 6小時) / Total extractives (D.I. Water, reflux, 6 h)	參考美國FDA 21 CFR 177.2470. / With reference to US FDA 21 CFR 177.2470.	%(w/w)	0.02	0.0761	0.2
總萃取物 (正庚烷, 迴流, 6小時) / Net chloroform-soluble extractives (D.I. Water, 212℉, 30 min)	參考美國FDA 21 CFR 177.2470. / With reference to US FDA 21 CFR 177.2470.	%(w/w)	0.02	0.0742	0.15

(2) 通過(PASS)

測試項目 (Test Item(s))	測試方法 (Method)	單位 (Unit)	RL	結果 (Result) No.1	限值 (Limit)
氯仿可萃取物 (水, 150℉, 2小時) / Net chloroform-soluble extractives (D.I. Water, 150℉, 2 h)	參考美國FDA 21 CFR 177.2470 condition D. / With reference to US FDA 21 CFR 177.2470 condition D.	mg/in²	0.1	n.d.	0.5
氯仿可萃取物 (正庚烷, 100℉, 30分鐘) / Net chloroform-soluble extractives (n-Heptane, 100℉, 30 min)	參考美國FDA 21 CFR 177.2470 condition D. / With reference to US FDA 21 CFR 177.2470 condition D.	mg/in²	0.1	n.d.	0.5
氯仿可萃取物 (8% 乙醇, 150℉, 2小時) / Net chloroform-soluble extractives (8% Alcohol, 150℉, 2 h)	參考美國FDA 21 CFR 177.2470 condition D. / With reference to US FDA 21 CFR 177.2470 condition D.	mg/in²	0.1	n.d.	0.5

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備註(Note)：

1. 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. 本報告不得分離或擷錄使用。(The report is invalid if it is partly reproduced or used.)
5. 本實驗室之報告符合性聲明依ILAC-G8:09/2019簡單允收之二分法判定規則(w=0，AL=TL)做為測試結果符合性聲明判定之判定依據。(The decision rule of the statements of conformity is following the ILAC G8:09/2019 by using the simple acceptance decision rule.)

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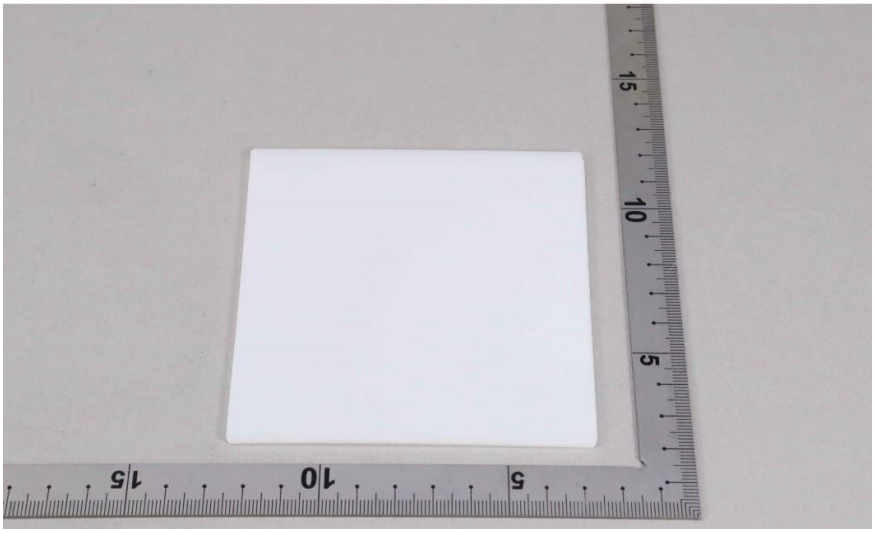
*** 照片中如有箭頭標示，則表示為實際檢測之樣品/部位。 ***
(The tested sample / part is marked by an arrow if it's shown on the photo.)

HKF24300047



**** 報告結尾 (End of Report) ****