

# 測試報告

## Test Report

報告編號(No.): HTF25100232

報告日期(DATE): 2025/01/14

頁數(PAGE): 1 of 3

福昌材料科技股份有限公司 ( LUCK-IN MATERIALS TECHNOLOGY CO., LTD. )

新北市新莊區建國二路86巷23號 ( NO. 23, LN. 86, JIANGUO 2ND RD., XINZHUANG DIST., NEW TAIPEI CITY 242, TAIWAN (R. O. C.) )

以下測試樣品係由申請廠商所提供之確認 (The following sample(s) was/were submitted and identified by/on behalf of the applicant as) :

樣品名稱(Sample Description) : EXPANDED POLYETHYLENE (發泡聚乙烯)

樣品材質(Sample Material) : PE發泡 (PE FOAM)

原產地/國(Country Of Origin) : 台灣 (TAIWAN)

收件日(Sample Receiving Date) : 2025/01/03

測試期間(Testing Period) : 2025/01/03 to 2025/01/14

測試需求 (Test Requested) :

客戶指定依據美國聯邦法規之藥物暨食品管理 (FDA) 21 CFR 177.1520 (c) 2.1 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 177.1520(c) 2.1. 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).)

*Singh Hsiao*  
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 : 白色塑膠片狀 (WHITE PLASTIC SHEET)

### 測試結果(Test Results)

通過(PASS)

測試項目 (Test Item(s))	測試方法 (Method)	單位 (Unit)	RL	結果 (Result)	限值 (Limit)
				No.1	
最大可萃取量 (正己烷, 50°C, 2小時) / Maximum extractable fraction (n-Hexane, 50°C, 2h)	參考美國FDA 21 CFR 177.1520. / With reference to US FDA 21 CFR 177.1520.	%	0.1	0.259	5.5
最大可溶解量 (二甲苯, 25°C, 2小時) / Maximum soluble fraction (xylene, 25°C, 2h)	參考美國FDA 21 CFR 177.1520. / With reference to US FDA 21 CFR 177.1520.	%	0.1	2.93	11.3

### 備註(Note) :

1. mg/kg = ppm ; 0.1% = 1000 ppm
2. RL = Reporting Limit (報告極限值)
3. 本報告不得分離或擷錄使用。(The report is invalid if it is partly reproduced or used.)
4. 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.)
5. 此項目轉包予台灣檢驗科技股份有限公司化學實驗室-高雄進行測試。(The testing item(s) was/were subcontracted to SGS Taiwan Ltd. Chemical Laboratory – Kaohsiung.)

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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.)

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\*\* 報告結尾 (End of Report) \*\*

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