

# 測試報告

## Test Report

號碼(No.): ETR25105281

日期(Date): 03-Feb-2025

頁數(Page): 1 of 4

崑仲股份有限公司 (KIN JOIN CO., LTD.)

台中市大里區仁化路166號 (NO. 166, RENHUA RD., DALI DIST., TAICHUNG CITY 412, TAIWAN)

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 the applicant as) :

送樣廠商(Sample Submitted By) : 崑仲股份有限公司 (KIN JOIN CO., LTD.)

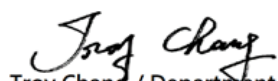
樣品名稱(Sample Name) : THERMOPLASTIC POLYURETHANE(TPU) (熱可塑性聚氨酯)

收件日(Sample Receiving Date) : 20-Jan-2025

測試期間(Testing Period) : 20-Jan-2025 to 03-Feb-2025

測試需求(Test Requested) : 依據客戶指定，測試鹵素-氟、氯、溴、碘。(As specified by client, to test Halogen-Fluorine, Chlorine, Bromine, Iodine in the submitted sample.)

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



Troy Chang / Department Manager  
Signed for and on behalf of  
SGS TAIWAN LTD.

Chemical Laboratory - Taipei



PIN CODE: 1A08B298

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### 測試部位敘述 (Test Part Description)

No.1 : 透明塑膠粒 (THERMOPLASTIC POLYURETHANE(TPU) (熱可塑性聚氨酯))

### 測試結果 (Test Results)

| 測試項目<br>(Test Items)                         | 測試方法<br>(Method)                                                                                        | 單位<br>(Unit) | MDL | 結果<br>(Result) |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------|--------------|-----|----------------|
|                                              |                                                                                                         |              |     | No.1           |
| 氟 (F) (Fluorine (F)) (CAS No.: 14762-94-8)   | 參考BS EN 14582: 2016 · 以離子層析儀分析。<br>(With reference to BS EN 14582: 2016, analysis was performed by IC.) | mg/kg        | 50  | n.d.           |
| 氯 (Cl) (Chlorine (Cl)) (CAS No.: 22537-15-1) | 參考BS EN 14582: 2016 · 以離子層析儀分析。<br>(With reference to BS EN 14582: 2016, analysis was performed by IC.) | mg/kg        | 50  | n.d.           |
| 溴 (Br) (Bromine (Br)) (CAS No.: 10097-32-2)  | 參考BS EN 14582: 2016 · 以離子層析儀分析。<br>(With reference to BS EN 14582: 2016, analysis was performed by IC.) | mg/kg        | 50  | n.d.           |
| 碘 (I) (Iodine (I)) (CAS No.: 14362-44-8)     | 參考BS EN 14582: 2016 · 以離子層析儀分析。<br>(With reference to BS EN 14582: 2016, analysis was performed by IC.) | mg/kg        | 50  | n.d.           |

### 備註(Note) :

1. mg/kg = ppm ; 0.1wt% = 0.1% = 1000ppm
2. MDL = Method Detection Limit (方法偵測極限值)
3. n.d. = Not Detected (未檢出) ; 小於MDL / Less than MDL

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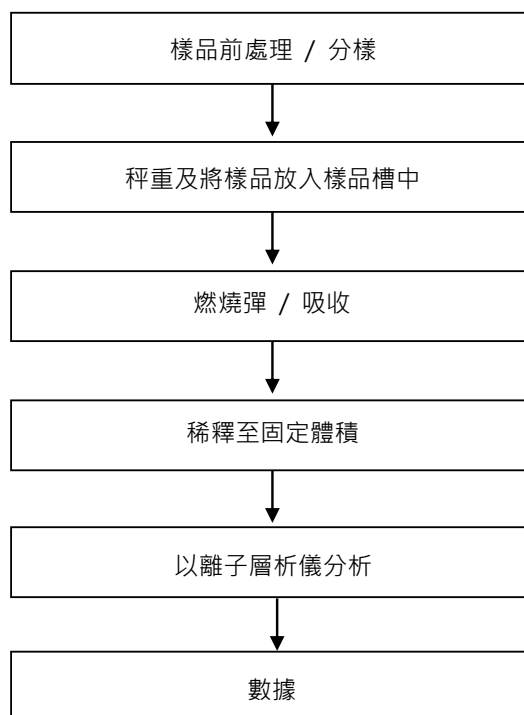
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鹵素分析流程圖



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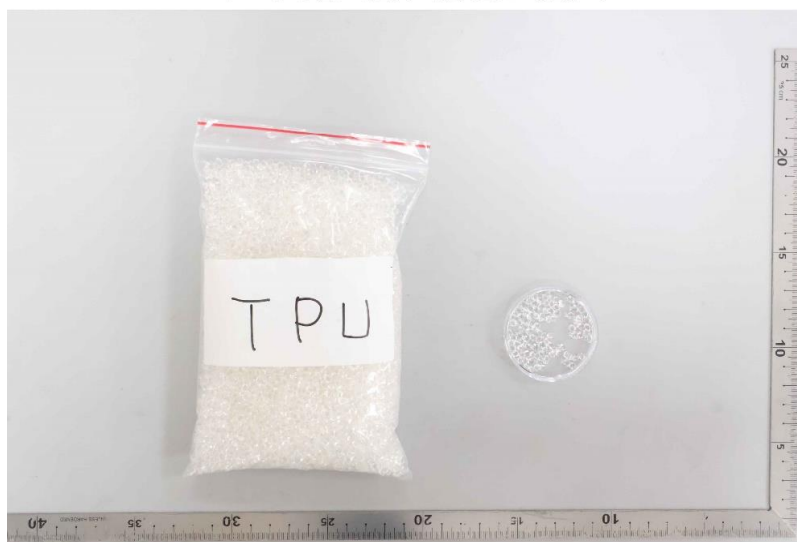
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\* 照片中如有箭頭標示，則表示為實際檢測之樣品/部位。\*

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

**ETR25105281**

\*\* 報告結尾 (End of Report) \*\*

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