

試驗報告



報告編號：KV-23-00746

頁數：1 OF 5

報告日期：112年02月10日

嘉澎塑膠有限公司 / CHIA PENG PLASTICS CO., LTD.
臺中市大雅區神林南路 513 巷 13 號

產品名稱：大金 230 PFA 軟管 / DAIKIN 230 PFA
產品型號：大金 230 / DAIKIN 230 PFA
產品顏色：透明 / See-through
送驗廠商：嘉澎塑膠有限公司 / CHIA PENG PLASTICS CO., LTD.
收件日期：112年02月04日
試驗日期：112年02月04日~112年02月09日
備註：1.以上資料(產品名稱、送驗廠商、收件日期及試驗日期除外)及
下述報告內容標示#處係由顧客提供
2.除非另有說明，此報告結果僅對測試之樣品負責
未經本公司事先書面同意，此報告不可部分複製

本實驗室依據顧客所提供之試驗需求與樣品進行試驗，結果說明如下：

試驗需求：材質分析

試驗方法：請參見附頁

試驗結果：請參見附頁

----- 1 -----

本報告若有提供規範值，該規範值僅供參考，合格之判定以委託單位實際要求為準

許明厚

報告簽署人

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試驗設備：

| 名稱 | 廠牌 | 型號 |
|-------------------|--------|--------|
| 傅利葉轉換紅外光分析儀(FTIR) | VARIAN | 3100 |
| 示差掃描熱分析儀(DSC) | TA | Q-2000 |

試驗方法：

ASTM D4591-22 Standard Test Method for Determining Temperatures and Heats of Transitions of Fluoropolymers by Differential Scanning Calorimetry¹

試驗條件：

- 試驗溫度：
1. 溫度平衡於 200°C
 2. 以 10°C/min 的升溫速率自 200°C 掃描至 350°C, 恆溫 5 分鐘
 3. 以 10°C/min 的降溫速率自 350°C 掃描至 200°C, 恆溫 5 分鐘
 4. 以 10°C/min 的升溫速率自 200°C 掃描至 350°C

通入氣體：氮氣(N₂), 純度 99.999%, 流量 50mL/min

試驗結果：

| 試驗項目 | 試驗方法 | 試驗結果 |
|--------|---------------------------|-----------|
| 材質分析 | 1.FTIR 2.ASTM D4591-22 | 主要成分為 PFA |
| 熔點(°C) | ASTM D4591-22 | 308.19 |

註：本試驗報告之試驗地點同實驗室地址。

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試驗報告

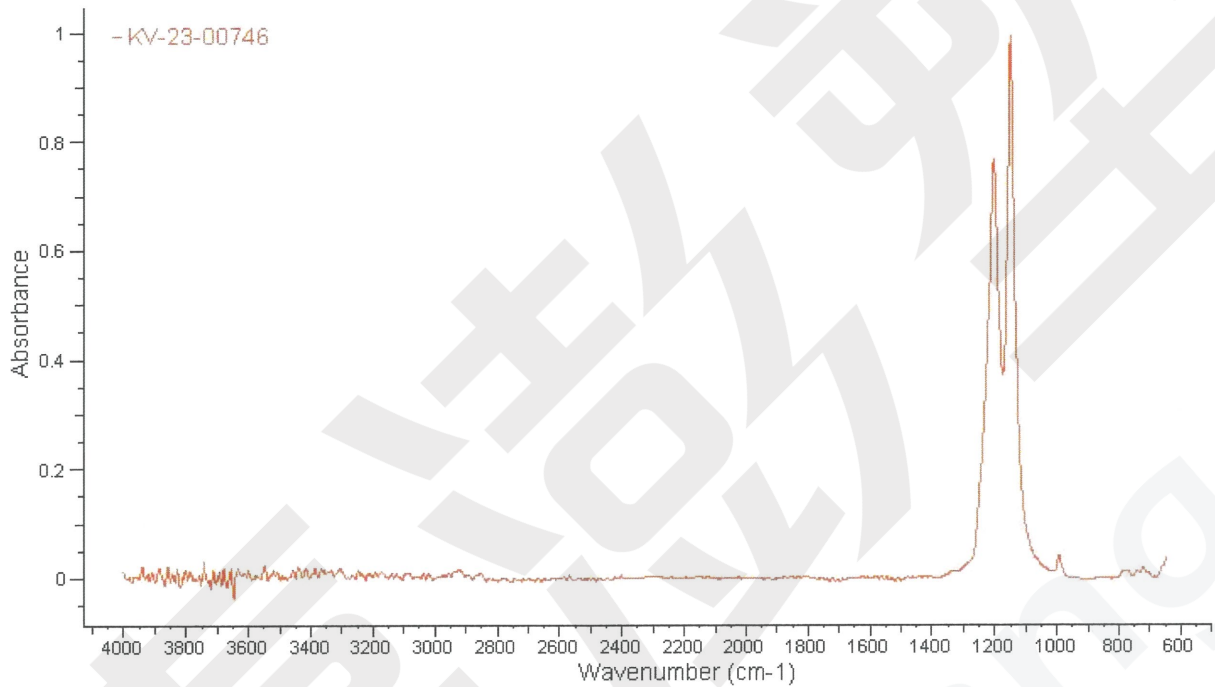


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試驗圖譜：



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TWD 6677517

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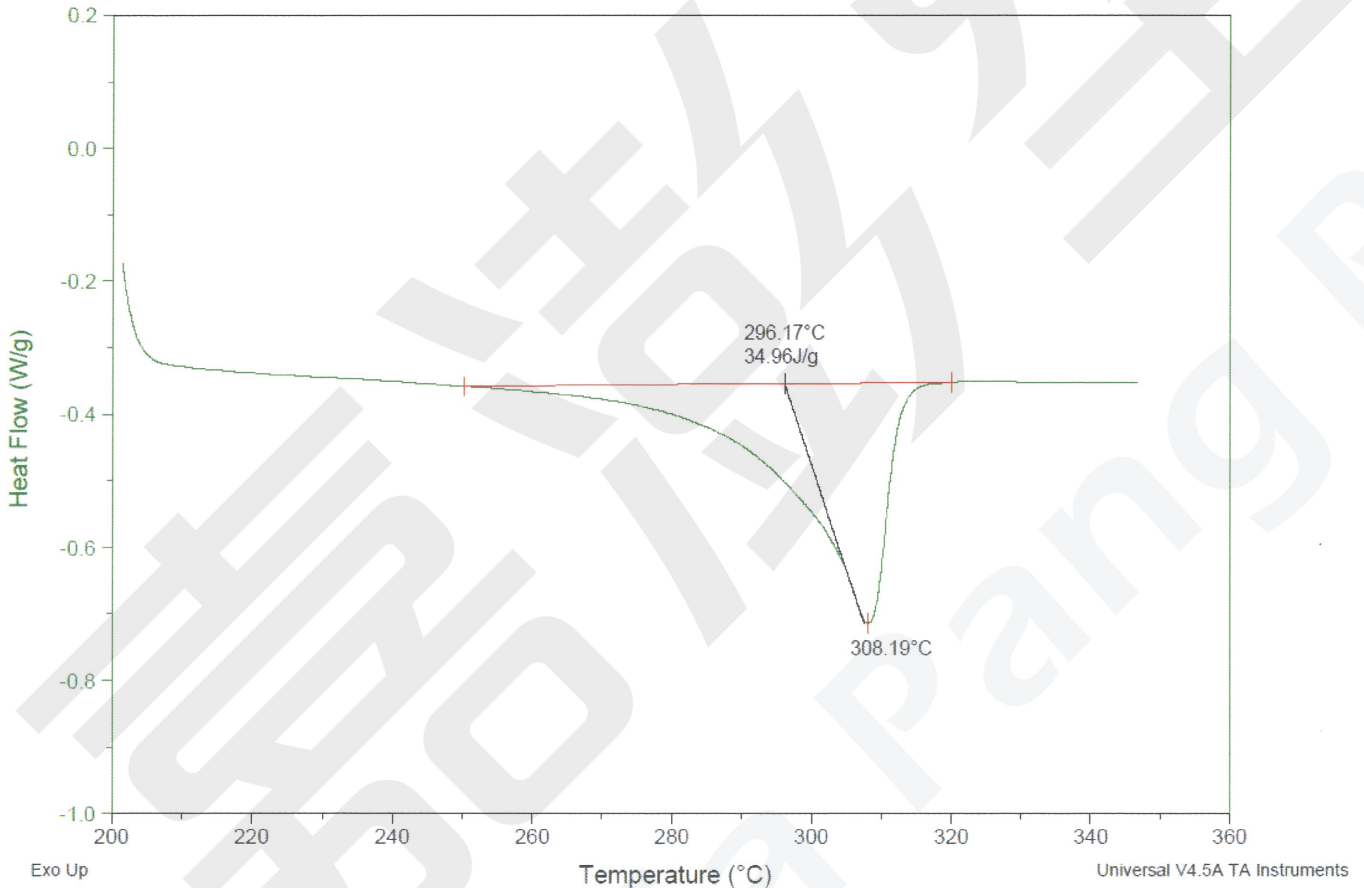
試驗圖譜：

Sample: kV-23-00746
Size: 10.0000 mg
Method: ASTM D3418

DSC

File: C:\DSC\Q2000\202302\kV-23-00746.001

Run Date: 07-Feb-2023 11:03
Instrument: DSC Q2000 V24.10 Build 122



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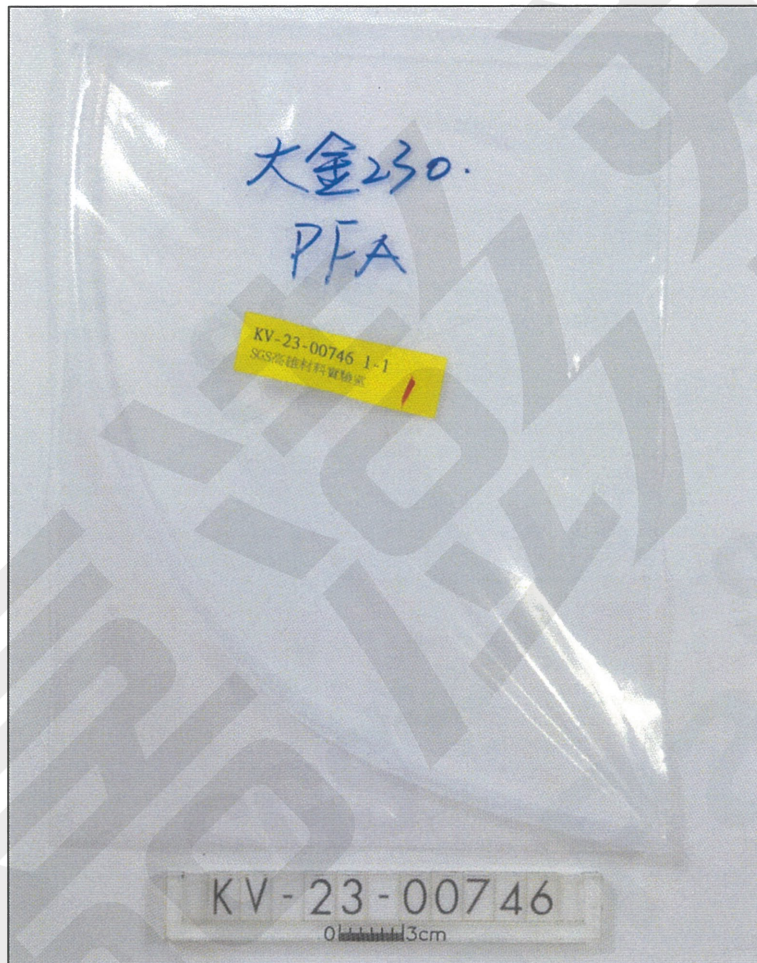


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樣品照片：



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TWD 6677519