



測試報告

Test Report

號碼(No.): EKR26400560

日期(Date): 20-Apr-2026

頁數(Page): 1 of 7

高益企業股份有限公司 (KAO YI PLASTICS ENTERPRISE CO., LTD.)

嘉義縣民雄鄉工業區中山路47號 (NO. 47, CHUNG SHAN RD., MINHSHIUNG INDUSTRIAL PARK, CHIAYI 62154 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) : 高益企業股份有限公司 (KAO YI PLASTICS ENTERPRISE CO., LTD.)
樣品名稱(Sample Name) : PVC COMPOUND
樣品型號(Style/Item No.) : 絕緣9-001x65P/黑UL105°REACH、9-002x75P/黑UL105°REACH、
0-003x50P透明UL105°REACH、絕緣3-004x65P/米白UL105REACH、
2-095x0P/深灰(ROHS)、S3-50P-294Cx50P藍(押)REACH(醫)、
0-2582x4P/Clear (IC TUBE)、9-07(A)x36P/黑(耐寒)無鉛、
9-10x43P/黑(亮)非PA、9-24x43P/黑(霧)非PA、NTIG、NTIP、
NT-105-85A、NT-105-90A、NT105-80A-I、NT SR-1、NT UT-78A、
NT-60-80AI、NT-105-50A-J、NT 80-90A-I、9-02x39P/黑、
T2-50(SC)x2P/灰、1-65(SC)x2P/白鈣鋅抗UV線槽、
NO.7(C)x38P/黑(耐寒)ROHS、SBV0700-4x40P/黑(NOPA)、
4001x42P/黑、HDT65°C)2-08x0P/深灰(ROHS)射、
(TR料PVC866)RAL7035-Ax43P/灰押、(RC芯PES,JIS)9-45X56P/黑、
NT-1409x42P/米灰(ROHS)、9-11x40P/黑、9-05x42P/黑(ROHS)、
被覆9-001x68P/黑、插頭9-002x80P/黑、0-01x70P/透明射、
(A004鋁風雨線)A料藍x40P(ROHS),芯(75°C)9-24x50P/BLACK押、
2-31(V)x0P/深灰(Reach)配合粉、1-018x3P/象牙白4189(ROHS)UV、
1-024x0P/白TPKB402(ROHS)UV、4-027x0P/摩卡GB334(ROHS)1-018x3P/
象牙白4189(ROHS)UV押,JH-0011-A90-40P/白1-011ROHS押、
0-08x20P/透明黃(射),1-21x0P/白(NOPA)射出,2-22x0P/
灰(NOPA)射出,2-007x4P/淺灰AT429,0-006x50P/透明本AT75345S3-07,
3-07x0P/米

收件日(Sample Receiving Date) : 13-Apr-2026
測試期間(Testing Period) : 13-Apr-2026 to 20-Apr-2026

測試需求(Test Requested) : 依據客戶指定、測試鎘、鉛、汞、六價鉻、多溴聯苯、多溴聯苯醚, DBP, BBP, DEHP, DIBP。 (As specified by client, to test Cadmium, Lead, Mercury, Cr(VI), PBBs, PBDEs, DBP, BBP, DEHP, DIBP contents in the submitted sample(s).)

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

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



PIN CODE: 7640DACB

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Test Report

號碼(No.): EKR26400560

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頁數(Page): 2 of 7

高益企業股份有限公司 (KAO YI PLASTICS ENTERPRISE CO., LTD.)
嘉義縣民雄鄉工業區中山路47號 (NO. 47, CHUNG SHAN RD., MINHSIUNG INDUSTRIAL PARK, CHIAYI 62154 TAIWAN)

測試部位敘述 (Test Part Description)
No.1 : 整體混測 (MIXED ALL PARTS)

測試結果 (Test Results)

測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	結果 (Result)
				No.1
鎘 (Cd) (Cadmium (Cd))	參考IEC 62321-5: 2013 · 以感應耦合電漿發射光譜儀分析。(With reference to IEC 62321-5: 2013, analysis was performed by ICP-OES.)	mg/kg	2	n.d.
鉛 (Pb) (Lead (Pb))	參考IEC 62321-5: 2013 · 以感應耦合電漿發射光譜儀分析。(With reference to IEC 62321-5: 2013, analysis was performed by ICP-OES.)	mg/kg	2	n.d.
汞 (Hg) (Mercury (Hg))	參考IEC 62321-4: 2013+ AMD1: 2017 · 以感應耦合電漿發射光譜儀分析。(With reference to IEC 62321-4: 2013+ AMD1: 2017, analysis was performed by ICP-OES.)	mg/kg	2	n.d.
六價鉻 Cr(VI) (Hexavalent Chromium Cr(VI))	參考IEC 62321-7-2: 2017 · 以紫外光-可見光分光光度計分析。(With reference to IEC 62321-7-2: 2017, analysis was performed by UV-VIS.)	mg/kg	8	n.d.
一溴聯苯 (Monobromobiphenyl)	參考IEC 62321-6: 2015 · 以氣相層析儀/質譜儀分析。(With reference to IEC 62321-6: 2015, analysis was performed by GC/MS.)	mg/kg	5	n.d.
二溴聯苯 (Dibromobiphenyl)		mg/kg	5	n.d.
三溴聯苯 (Tribromobiphenyl)		mg/kg	5	n.d.
四溴聯苯 (Tetrabromobiphenyl)		mg/kg	5	n.d.
五溴聯苯 (Pentabromobiphenyl)		mg/kg	5	n.d.
六溴聯苯 (Hexabromobiphenyl)		mg/kg	5	n.d.
七溴聯苯 (Heptabromobiphenyl)		mg/kg	5	n.d.
八溴聯苯 (Octabromobiphenyl)		mg/kg	5	n.d.
九溴聯苯 (Nonabromobiphenyl)		mg/kg	5	n.d.
十溴聯苯 (Decabromobiphenyl)		mg/kg	5	n.d.
多溴聯苯總和 (Sum of PBBs)		mg/kg	-	n.d.

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Test Report

號碼(No.): EKR26400560

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頁數(Page): 3 of 7

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測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	結果 (Result)
				No.1
一溴聯苯醚 (Monobromodiphenyl ether)	參考IEC 62321-6: 2015 · 以氣相層析儀/質譜儀分析。(With reference to IEC 62321-6: 2015, analysis was performed by GC/MS.)	mg/kg	5	n.d.
二溴聯苯醚 (Dibromodiphenyl ether)		mg/kg	5	n.d.
三溴聯苯醚 (Tribromodiphenyl ether)		mg/kg	5	n.d.
四溴聯苯醚 (Tetrabromodiphenyl ether)		mg/kg	5	n.d.
五溴聯苯醚 (Pentabromodiphenyl ether)		mg/kg	5	n.d.
六溴聯苯醚 (Hexabromodiphenyl ether)		mg/kg	5	n.d.
七溴聯苯醚 (Heptabromodiphenyl ether)		mg/kg	5	n.d.
八溴聯苯醚 (Octabromodiphenyl ether)		mg/kg	5	n.d.
九溴聯苯醚 (Nonabromodiphenyl ether)		mg/kg	5	n.d.
十溴聯苯醚 (Decabromodiphenyl ether)		mg/kg	5	n.d.
多溴聯苯醚總和 (Sum of PBDEs)		mg/kg	-	n.d.
鄰苯二甲酸丁苯甲酯 (BBP) (Butyl benzyl phthalate (BBP))	參考IEC 62321-8: 2017 · 以氣相層析儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	50	n.d.
鄰苯二甲酸二丁酯 (DBP) (Dibutyl phthalate (DBP))		mg/kg	50	n.d.
鄰苯二甲酸二異丁酯 (DIBP) (Diisobutyl phthalate (DIBP))		mg/kg	50	n.d.
鄰苯二甲酸二(2-乙基己基)酯 (DEHP) (Di-(2-ethylhexyl) phthalate (DEHP))		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
4. "-" = Not Regulated (無規格值)
5. 樣品的測試是基於申請人要求混合測試 · 報告中的混合測試結果不代表其中個別單一材質的含量。

The sample(s) was/were analyzed on behalf of the applicant as mixing sample in one testing. The above result(s) was/were only given as the informality value.

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Test Report

號碼(No.): EKR26400560

日期(Date): 20-Apr-2026

頁數(Page): 4 of 7

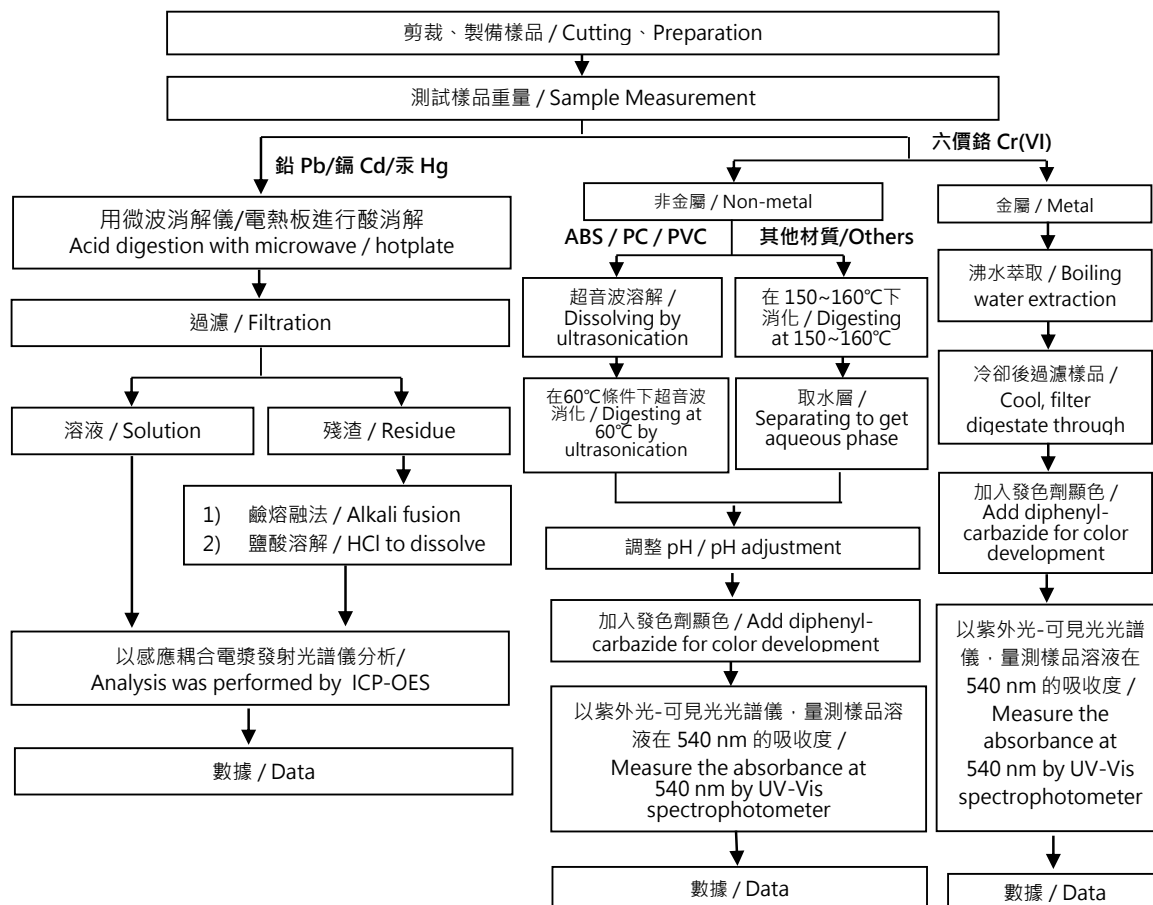
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嘉義縣民雄鄉工業區中山路47號 (NO. 47, CHUNG SHAN RD., MINHSHUNG INDUSTRIAL PARK, CHIAYI 62154 TAIWAN)

重金屬流程圖 / Analytical flow chart of Heavy Metal

根據以下的流程圖之條件，樣品已完全溶解。(六價鉻測試方法除外)

These samples were dissolved totally by pre-conditioning method according to below flow chart.

(Cr⁶⁺ test method excluded)

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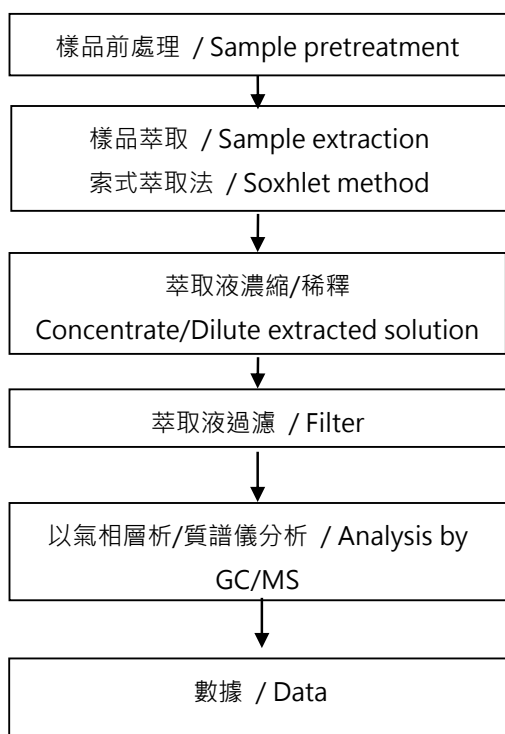
日期(Date): 20-Apr-2026

頁數(Page): 5 of 7

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多溴聯苯/多溴聯苯醚 分析流程圖 / PBB/PBDE analytical FLOW CHART



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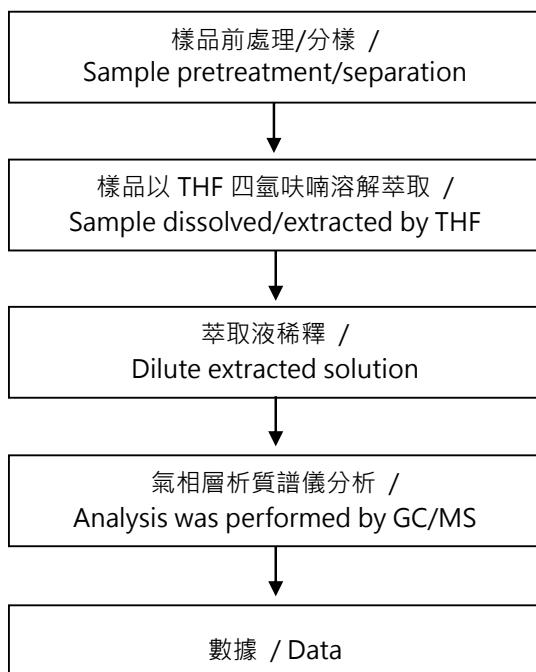
頁數(Page): 6 of 7

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可塑劑分析流程圖 / Analytical flow chart of phthalate content

【測試方法/Test method: IEC 62321-8】



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日期(Date): 20-Apr-2026

頁數(Page): 7 of 7

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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.)

EKR26400560



** 報告結尾 (End of Report) **

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