測試報告

Test Report

號碼(No.): ETF[redacted] 日期(Date): 23-Sep-2026

溫晟塑膠工業股份有限公司 (WENCHEN PLASTIC INDUSTRIAL CO., LTD.)
桃園市蘆竹區長興路三段25號 (NO. 25, SEC. 3, CHANGXING RD., LUZHU DIST., TAOYUAN CITY 33852, 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 the applicant as)：

送樣廠商(Sample Submitted By)	:	溫晟塑膠工業股份有限公司 (WENCHEN PLASTIC INDUSTRIAL CO., LTD.)
樣品名稱(Sample Name)	:	袋(膜)
樣品型號(Style/Item No.)	:	GRS-PEA (PE再生環保料)
適用於(Applicable To)	:	平口袋、印刷袋、纏繞膠膜、捲袋、捲膜、折角袋、背心袋、染色袋、抗靜電袋、牡蠣殼可分解袋、腰洞袋、單片、打洞袋、抗UV袋、抗氧化袋、抗老化袋、抗黏袋、雙電處理袋、醫療感染袋、垃圾袋、側封袋、束口綁繩袋、漏料袋、L型袋、警示帶、塑膠粒、夾鏈袋、氣泡袋、氣泡布、舒服多袋、舒美布、真空包裝袋、食品袋、工業袋、尿袋、傘套袋、檳榔袋、物流袋、多國警語袋、蔥袋、三明治袋、袋(膜)mLLDPE、袋(膜)PEA、袋(膜)PEAB、袋(膜)PEB、袋(膜)PEBB、袋(膜)HDA、袋(膜)HDAB、袋(膜)HDB、袋(膜)HDBB、袋(膜)PPWR、袋(膜)PCR、袋(膜)rPE、袋（膜）PE、袋（膜）HD、束口綁繩醫療感染捲袋、束口綁繩醫療感染袋、束口綁繩垃圾捲袋、束口綁繩捲袋、消泡母粒、VIP大人物環保標章垃圾袋、GREEN REWPAP 纏繞膠膜

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收件日(Sample Receiving Date)	:	08-Sep-2026
測試期間(Testing Period)	:	08-Sep-2026 to 17-Sep-2026
測試需求(Test Requested)	:	(1) 依據客戶指定，參考PPWR Regulation (EU) 2025/40 第5.4條，測試鎘、鉛、汞、六價鉻加總含量。(As specified by client, with reference to PPWR Regulation (EU) 2025/40 - Article 5.4 to determine Total Cadmium, Lead, Mercury, Cr(VI) contents in the submitted sample(s).) (2) 依據客戶指定，參考PPWR Regulation (EU) 2025/40 第5.5條，測試全氟/多氟烷基物質及總氟含量。(As specified by client, with reference to PPWR Regulation (EU) 2025/40 - Article 5.5 to determine Perfluoroalkyl and polyfluoroalkyl substances (PFAS) and total Fluorine contents in the submitted sample(s).)
測試結果(Test Results)	:	請參閱下一頁 (Please refer to following pages.)
結　　論(Conclusion)	:	(1) 根據客戶所提供的樣品，其鎘、鉛、汞、六價鉻加總的測試結果符合PPWR Regulation (EU) 2025/40 第5.4條之限值要求。(Based on the performed tests by submitted sample(s), the test results of Total Cadmium, Lead, Mercury, Cr(VI) comply with the limits of PPWR Regulation (EU) 2025/40 - Article 5.4.) (2) 根據客戶所提供的樣品，其全氟/多氟烷基物質及總氟的測試結果符合PPWR Regulation (EU) 2025/40 第5.5條之限值要求。(Based on the performed tests by submitted sample(s), the test results of Perfluoroalkyl and polyfluoroalkyl substances (PFAS) and total Fluorine comply with the limits of PPWR Regulation (EU) 2025/40 - Article 5.5.)

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測試部位敘述 (Test Part Description)

No.1 : 透明塑膠袋(含印刷) (TRANSPARENT PLASTIC BAG (INCLUDING THE PRINT))

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	限值 (Limit)
鎘 (Cd) (Cadmium (Cd)) (CAS No.: 7440-43-9)	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)) (CAS No.: 7439-92-1)	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)) (CAS No.: 7439-97-6)	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)) (CAS No.: 18540-29-9)	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.	-
鎘,鉛,汞,六價鉻加總 (Sum of Cadmium, Lead, Mercury, Cr(VI))	-	mg/kg	-	n.d.	100
不可萃取的PFAS聚合物 (Unextractable PFAS polymers) (△)	SGS台灣PFAS定性測試(INSP-RD-0018)。(SGS Taiwan PFAS Qualitative Test (INSP-RD-0018).)	mg/kg	0.025	Negative	-
PFAS化合物及/或可萃取的PFAS聚合物 (PFAS compounds and/or extractable PFAS polymers)	SGS台灣PFAS定性測試(INSP-RD-0018)。(SGS Taiwan PFAS Qualitative Test (INSP-RD-0018).)。	mg/kg	0.025	Negative	-
氟 (F) (Fluorine (F)) (CAS No.: 14762-94-8)	參考BS EN 14582: 2016，以離子層析儀分析。(With reference to BS EN 14582: 2016, analysis was performed by IC.)	mg/kg	50	n.d.	50

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測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	結果 (Result)	限值 (Limit)
				No.1	
附錄一所列全氟/多氟烷基物質(PFAS)清單測試 (all Targeted PFAS items as Appendix 1)	修改EN 17681-1: 2025，以氣相層析質譜儀及液相層析串聯質譜儀分析。(Modified EN 17681-1: 2025, analysis was performed by GC/MS and LC/MS/MS.)	mg/kg	as Appendix 1	n.d.	0.025
靶向 PFAS的總濃度 (Sum of Targeted PFAS)	-	mg/kg	-	n.d.	0.25

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
4. "-" = Not Regulated (無規格值)
5. 本測試報告依據客戶委託之測試方法測試客戶提供之樣品，並依據測試結果出具報告及結論。(The test performed according to the test method requested by the client, on the sample(s) provided the client, then issues the conclusion based on the test results.)
6. 測試結果若小於MDL，以" Negative" 表示。測試結果若大於MDL，以" Positive" 表示。(Test results below the MDL are presented as "Negative." ; Test results exceeding the MDL are presented as "Positive.")
7. (▵): 不可萃取的PFAS聚合物是指不易被有機溶劑萃取的PFAS聚合物，包含PTFE、PVDF等。(Unextractable PFAS polymers are PFAS polymers which can't be extracted by organic solvents, including PTFE, PVDF ... etc.)
8. 除非另有說明，參照ILAC-G8:09/2019決定規則，採用簡單允收規則之二分法(w=0)進行符合性判定；根據此規則，符合性結果之判定係以測試結果與限值做比較。(Unless otherwise stated , the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019. According to this rule, the judgement of conformity is based on the comparing test results with limits.)
9. 本報告為 ETR26901423 之異動報告。(This is the additional test report of ETR26901423.)