

## 測試報告

## Test Report

號碼(No.) : CT/2020/11672A

日期(Date) : 2020/02/24

頁數(Page) : 1 of 7

三景塑膠實業股份有限公司

SUN GEM PLASTICS ENTERPRISE CO., LTD.

彰化縣線西鄉線平路1號

NO.1, XIANPING RD., XIANXI TOWNSHIP, CHANGHUA COUNTY 507, 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/on behalf of the applicant as) :

樣品名稱(Sample Description) : POLYPROPYLENE FILM & CONTAINER (PP膠板容器)  
樣品狀態/數量(Sample Storage) : 請參考報告末頁樣品照片/- (PLEASE REFER TO THE SAMPLE PHOTO AT THE END OF  
樣品保存方式(Sample Packaging) : 室溫 (ROOM TEMPERATURE)  
樣品型號(Style/Item No.) : (SG-1019-2A)/SG-359-1A/R-390-1A/SG-1011-2A/SG-1027-1A/SG-346-1A/SG-347-1B/SG-C100-1A/SG-628-1A/SG-639-1C/SG-338-1A/ SG-2105A/SG-635-1A/SG-1405-1/SG-356-1A/ PP膠板片材  
樣品批號(Lot No.) : -  
樣品材質(Sample Material) : PP  
送樣廠商(Sample Submitted By) : 三景塑膠實業股份有限公司 (SUN GEM PLASTICS ENTERPRISE CO., LTD.)  
送樣廠商地址/電話/聯絡人(Company Address/Tel/Contact Person) : 彰化縣線西鄉線平路1號/04-7911-248/陳湘妮 (NO.1, XIANPING RD., XIANXI TOWNSHIP, CHANGHUA COUNTY 507, TAIWAN (R.O.C)/04-7911-248/陳湘妮)  
製造日期(Manufacturing Date) : -  
有效日期(Expiry Date) : -  
原產國(Country of Origin) : 台灣 (TAIWAN)  
收件日期(Sample Receiving Date) : 2020/01/21  
測試期間(Testing Period) : 2020/01/21 TO 2020/02/07

### 測試需求(Test Requested) :

- (1) 依據客戶指定, 參考中華民國食品器具容器包裝衛生標準 (102.08.20部授食字第1021350146號令修正) 進行測試. 測試項目請參閱測試結果表格. / As specified by client, with reference to Sanitation Standard for Food Utensils, Containers and Packages (MOHW Food No. 1021350146 was amended on 2013/08/20) to conduct test. Please refer to result table for testing item(s).
- (2) 依據客戶指定, 參考中華民國食品安全衛生管理法(108.06.12)第26條進行測試. 測試項目請參閱測試結果表格. / As specified by client, with reference to Act Governing Food Sanitation Article 26 (amended and promulgated on Jun. 12, 2019) to conduct test. Please refer to result table for testing item(s).

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

蕭志祥  
蕭志祥 / 副理  
化學實驗室-台北  
台灣檢驗科技股份有限公司  
報告簽署人



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### 測試結果(Test Results)

測試部位(PART NAME)No. 1 : 透明塑膠 (TRANSPARENT PLASTIC) (SG-1019-2A)

(1)

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	LOQ	結果 (Result)	限值 (Limit)
				No. 1	
鉛 / Lead (Pb)	ppm	食品器具、容器、包裝檢驗方法-聚丙烯(PP)塑膠類之檢驗(107年9月17日衛授食字第1071901787號公告), 以ICP-AES分析. / According to Methods of Test for Food Utensils, Containers and Packages - Test of Polypropylene (PP) Plastic Products (MOHW Food No. 1071901787 announced, Sep 17, 2018). Analysis was performed by ICP-AES.	5	n. d.	100
鎘 / Cadmium (Cd)	ppm		0.5	n. d.	100
高錳酸鉀消耗量-(水, 95°C, 30分鐘) / Potassium permanganate consumption-(water, 95°C, 30 min)	ppm		3	n. d.	10
蒸發殘渣-(水, 95°C, 30分鐘) / Evaporation residue-(water, 95°C, 30 min)	ppm		10	n. d.	30
蒸發殘渣-(4%醋酸, 95°C, 30分鐘) / Evaporation residue-(4% acetic acid, 95°C, 30 min)	ppm		10	n. d.	30
蒸發殘渣-(正庚烷, 25°C, 1小時) / Evaporation residue-(n-Heptane, 25°C, 1 hr)	ppm	10	n. d.	30 (*1)	

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(1)

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	LOQ	結果 (Result)	限值 (Limit)
				No. 1	
鄰苯二甲酸二(2-乙基己基)酯 (正庚烷, 25°C, 1小時) / DEHP (Di-(2-ethylhexyl) phthalate) (CAS No.: 117-81-7) (n-Heptane, 25°C, 1 hr)	ppm	食品器具、容器、包裝檢驗方法-塑膠類之檢驗(107年10月4日衛授食字第1071901983號公告), 以氣相層析/質譜儀檢測。 / According to Methods of Test for Food Utensils, Containers and Packages - Test of Plastics (MOHW Food No. 1071901983 announced, Oct 04, 2018). Analysis was performed by GC/MS.	0.05	n. d.	1.5
鄰苯二甲酸二丁酯 (正庚烷, 25°C, 1小時) / DBP (Di-n-butyl phthalate) (CAS No.: 84-74-2) (n-Heptane, 25°C, 1 hr)	ppm		0.05	n. d.	0.3
鄰苯二甲酸丁苄基酯 (正庚烷, 25°C, 1小時) / BBP (Butyl Benzyl phthalate) (CAS No.: 85-68-7) (n-Heptane, 25°C, 1 hr)	ppm		0.05	n. d.	30
鄰苯二甲酸二異癸酯 (正庚烷, 25°C, 1小時) / DIDP (Diisodecyl phthalate) (CAS No.: 26761-40-0; 68515-49-1) (n-Heptane, 25°C, 1 hr)	ppm		0.5	n. d.	9
鄰苯二甲酸二異壬酯 (正庚烷, 25°C, 1小時) / DINP (Diisononyl phthalate) (CAS No.: 28553-12-0; 68515-48-0) (n-Heptane, 25°C, 1 hr)	ppm		0.5	n. d.	9
己二酸二(2-乙基己基)酯 (正庚烷, 25°C, 1小時) / DEHA (Di-2-ethylhexyl Adipate) (CAS No.: 103-23-1) (n-Heptane, 25°C, 1 hr)	ppm		0.05	n. d.	18

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(1)

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	LOD	結果 (Result)	限值 (Limit)
				No. 1	
重金屬(以鉛計)-(4%醋酸, 95°C, 30分鐘) / Heavy metal (as Pb)-(4% acetic acid, 95°C, 30 min)	ppm	食品器具、容器、包裝檢驗方法-聚丙烯 (PP)塑膠類之檢驗(107年9月17日衛授食 字第1071901787號公告)。 / According to Methods of Test for Food Utensils, Containers and Packages - Test of Polypropylene (PP) Plastic Products (MOHW Food No. 1071901787 announced, Sep 17, 2018).	-	<1	1

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	MDL	結果 (Result)	限值 (Limit)
				No. 1	
鄰苯二甲酸二(2-乙基己基)酯 / DEHP (Di- (2-ethylhexyl) phthalate) (CAS No. : 117-81-7)	%	CNS 15138-1 (民國101年), 以氣相層析 / 質譜儀檢測。 / According to CNS 15138-1 (2012). Analysis was performed by GC/MS.	0.003	n. d.	0.1
鄰苯二甲酸二丁酯 / DBP (Di-n-butyl phthalate) (CAS No. : 84-74-2)	%		0.003	n. d.	0.1
鄰苯二甲酸丁苄甲酯 / BBP (Butyl Benzyl phthalate) (CAS No. : 85-68-7)	%		0.003	n. d.	0.1
鄰苯二甲酸二正辛酯 / DNOP (Di-n-octyl phthalate) (CAS No. : 117-84-0)	%		0.003	n. d.	0.1
鄰苯二甲酸二異壬酯 / DINP (Diisononyl phthalate) (CAS No. : 28553-12-0; 68515-48-0)	%		0.01	n. d.	0.1
鄰苯二甲酸二甲酯 / DMP (Dimethyl phthalate) (CAS No. : 131-11-3)	%		0.003	n. d.	0.1

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(2)

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	MDL	結果 (Result)	限值 (Limit)
				No. 1	
鄰苯二甲酸二異癸酯 / DIDP (Diisodecyl phthalate) (CAS No.: 26761-40-0; 68515-49-1)	%	CNS 15138-1 (民國101年), 以氣相層析 / 質譜儀檢測. / According to CNS 15138-1 (2012). Analysis was performed by GC/MS.	0.01	n. d.	0.1
鄰苯二甲酸二乙酯 / DEP (Diethyl phthalate) (CAS No.: 84-66-2)	%		0.003	n. d.	0.1

(1)

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	LOQ	結果 (Result)	限值 (Limit)
				No. 1	
耐熱性試驗 / Heat Tolerance (120°C, 1 hr)	-	塑膠類食品器具容器包裝之耐熱溫度標示符合性試驗方法(106年11月13日衛授食字第1061902219號公告). / According to Methods of Test for Labeling Conformance of Heat Tolerance of Plastic Food Utensils, Containers and Packages (MOHW Food No. 1061902219 announced, November 13, 2017).	-	功能性正常, 無變褪色 / No appearance change	功能性正常, 無變褪色 / No appearance change

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### 備註(Note) :

1. 測試報告僅就委託者之委託事項提供測試結果，不對產品合法性做判斷。(The test report merely reflects the test results of the consigned matters of the client and is not a certification of the legitimacy of the related products.)
2. 本報告不得分離或擷錄使用。/ The report is invalid if it is partly reproduced or used.
3. 0.1 wt% = 1000 ppm
4. LOQ = Limit of Quantification (定量極限) ; MDL = Method Detection Limit (方法偵測極限值) ; LOD = Limit of
5. n.d. = Not Detected (未檢出) = 小於 (less than) LOQ / MDL / LOD
6. (\*1): 針對油脂及脂肪性食品用容器、包裝。(For containers and packages for oils and fatty foods.)
7. "-" = Not Regulated (無規格值)

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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.)

### CT/2020/11672



\*\* 報告結尾 (End of Report) \*\*