

## 測試報告

## Test Report

號碼(No.) : CT/2017/60658

日期(Date) : 2017/06/26

頁數(Page) : 1 of 4

彩麗薄膜股份有限公司

MAGICAL FILM ENTERPRISE CO., LTD.

台中市梧棲區永興路二段378巷36號

NO. 36, LANE 378, SEC. 2, YOUNGSING RD., WUQI DIST., TAICHUNG CITY 435, 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/on behalf of the applicant as) :

送樣廠商(Sample Submitted By) : 彩麗薄膜股份有限公司 (MAGICAL FILM ENTERPRISE CO., LTD.)  
樣品名稱(Sample Description) : PET FILM (PET薄膜)  
樣品材質(Sample Material) : PET  
收件日期(Sample Receiving Date) : 2017/06/15  
測試期間(Testing Period) : 2017/06/15 TO 2017/06/26

### 測試需求(Test Requested) :

依據客戶指定，參考Commission Regulation (EU) No 10/2011及其修訂條文，European Regulation No. 1935/2004第3條進行測試，測試項目請參閱測試結果表格。 / As specified by client, the sample(s) was/were tested with reference to Commission Regulation (EU) No. 10/2011 with amendments and hence Article 3 of European Regulation No. 1935/2004. 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).

  
Singh Hsiu / Supervisor  
Signed for and on behalf of  
SGS TAIWAN LTD.  
Chemical Laboratory - Taipei

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號碼(No.) : CT/2017/60658

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頁數(Page) : 2 of 4

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## 測試結果(Test Results)

測試部位(PART NAME) No.1 : 透明塑膠膜 (TRANSPARENT PLASTIC FILM)

通過(PASS)

測試項目 (Test Item)	單位 (Unit)	測試方法 (Method)	MDL	結果 (Result)	限值 (Limit)
				No. 1	
總遷移測試 / Overall Migration (3%醋酸 / 3% Acetic Acid)	mg/dm <sup>2</sup>	參考EN 1186 (2002). / With reference to EN 1186 (2002). (100°C, 1 hr)	3.0	n. d.	10
<b>重金屬特定遷移量 / Specific Migration of Heavy Metal</b>					(□ 1)
鋇 (Barium) (Ba)	mg/kg	參考EN 13130-1 (2004), 以感應耦合電漿原子發射光譜儀分析. / With reference to EN 13130-1 (2004). Analysis was performed by ICP-AES. (3%醋酸 / 3% acetic acid, 100°C, 1 hr)	0.25	n. d.	1
鈷 (Cobalt) (Co)	mg/kg		0.01	n. d.	0.05
銅 (Copper) (Cu)	mg/kg		0.25	n. d.	5
鐵 (Iron) (Fe)	mg/kg		0.25	n. d.	48
鋰 (Lithium) (Li)	mg/kg		0.5	n. d.	0.6
錳 (Manganese) (Mn)	mg/kg		0.25	n. d.	0.6
鋅 (Zinc) (Zn)	mg/kg		0.5	n. d.	5
鋁 / Aluminum (Al)	mg/kg		0.5	n. d.	1
鎳 / Nickel (Ni)	mg/kg	參考EN 13130-1 (2004), 以感應耦合電漿質譜儀分析. / With reference to EN 13130-1 (2004). Analysis was performed by ICP-MS. (3%醋酸 / 3% acetic acid, 100°C, 1 hr)	0.01	n. d.	0.02

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號碼(No.) : CT/2017/60658

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頁數(Page) : 3 of 4

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### Remark :

- (□ 1) : 限值是根據Commission Regulation 2011年1月14日(EU) No 10/2011及其修正案. / Limit is according to Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments.
- 總遷移測試：水性食物模擬液的分析容許誤差值為 2 mg/dm<sup>2</sup> .  
Overall Migration: Analytical tolerance of aqueous simulants is 2 mg/dm<sup>2</sup> .

### 備註(Note) :

1. mg/kg = ppm ; 0.1wt% = 1000ppm
2. mg/dm<sup>2</sup> = milligram per square decimeter / 毫克/每100平方公分
3. MDL = Method Detection Limit (方法偵測極限值)
4. n.d. = Not Detected (未檢出) = 小於 (less than) MDL
5. 測試條件及模擬液是由客戶指定 (Test condition & simulant were specified by client).
6. °C = degree Celsius / 攝氏溫度

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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/2017/60658



\*\* 報告結尾 (End of Report) \*\*