

試驗報告

號碼 : KU/2018/60052A-01 日期 : 2018/07/09 頁數:1 of 4

台灣塑膠工業股份有限公司 高雄市林園區石化一路1號

以下測試樣品係由申請廠商所提供及確認:

送樣廠商 : 台灣塑膠工業股份有限公司

樣品名稱 : 三元無規共聚物聚丙烯

: 5018, 5020, 5030, 5050, 5050M, 5050R, 5050S, 5060 樣品型號

樣品材質 : 100%聚丙烯共聚物

: 2018/06/20 收件日期

: 2018/06/20 TO 2018/07/09 測試期間

測試需求 : 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.

· 請參閱下一頁. 測試結果



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台灣塑膠工業股份有限公司 高雄市林園區石化一路1號

測試結果

: 白色塑膠片 測試部位 No.1

通過

測試項目	單位	測試方法	MDL	結果	- 限值
				No. 1	
總遷移測試 (3%醋酸)	mg/dm²	参考EN 1186 (2002) (40℃, 10天)	3.0	n. d.	10
替代試驗(95%乙醇)	mg/dm²		3.0	3. 47	10
替代試驗(異辛烷)	mg/dm²	参考EN 1186 (2002) (20℃, 2天)	3.0	11.1	10
鋇	mg/kg	參考EN 13130-1 (2004),以感應耦合電漿原子發射光譜儀(ICP-AES)分析。(3%醋酸, 40℃, 10天)	0.25	n. d.	1
鈷	mg/kg		0.01	n. d.	0.05
銅	mg/kg		0.25	n. d.	5
鐵	mg/kg		0. 25	n. d.	48
鋰	mg/kg		0.5	n. d.	0.6
錳	mg/kg		0.25	n. d.	0.6
鋅	mg/kg		0.5	n. d.	5
鋁	mg/kg		0.25	n. d.	1
鎳	mg/kg	参考EN 13130-1 (2004),以感應耦合電漿質譜儀分析(ICP-MS)分析。 (3%醋酸, 40℃, 10天)	0.01	n. d.	0.02
初級芳香胺遷移(PAA)	mg/kg	参考EN 13130-1 (2004)及BfR recommendation XXI,以可見光紫外光分光光譜儀分析. (3%醋酸,40℃,10天)	0.002	n. d.	0. 01 (▲1)

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Remark:

- (▲1): 限值是依據Council of Europe Resolution AP (2004) 4.
- 依EN 1186-2(2002) 附錄F,油脂性模擬液的實驗室間分析容許誤差值(R)為3.7mg/dm²或 22.2mg/kg.

備註:

- 1. mg/kg = ppm; 0. 1wt% = 1000ppm
- 2. mg/dm²= milligram per square decimeter
- 3. ℃ = 攝氏溫度
- 4. MDL = Method Detection Limit (方法偵測極限值)
- 5. n.d. = Not Detected = below MDL (未檢出 / 低於MDL)
- 6. 測試條件及模擬液是由客戶指定.
- 7. PAA測試由SGS其他實驗室執行.
- 8. 替代試驗:客戶選擇(EU) No 10/2011遷移測試條件為OM2,依EN 1186-1及EN 13130-1要求轉換為對應之替代試 驗條件.

Test condition with simulant D2	Test condition with simulant ethanol 95%	Test condition with simulant iso-Octane
10 day at 40°C	10 day at 40°C	2 day at 20℃

9. 此為2018/07/09所發行KU/2018/60052之加發報告,原始資料請參考KU/2018/60052。

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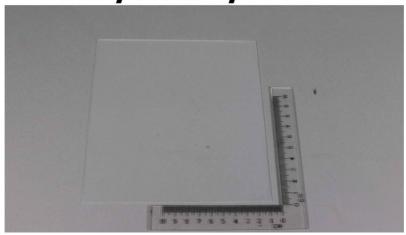
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* 照片中如有箭頭標示,則表示為實際檢測之樣品/部位. *

KU/2018/60052



報告結尾

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