

試驗報告

號碼：KU/2019/60100

日期：2019/07/04

頁數：1 of 3

厚旌盛精化股份有限公司
桃園市觀音區白玉村3鄰白沙屯24-2號

以下測試樣品係由申請廠商所提供及確認：

送樣廠商：厚旌盛精化股份有限公司
樣品名稱：環保乾式膠紙
樣品型號：GE-60S/GE-120S/GE-120D/GE-135S/GE-135D/GE-160S/GE-160D
收件日期：2019/06/25
測試期間：2019/06/25 TO 2019/07/04

測試方法及結：請參閱下一頁。

張伯睿
報告簽署人/張伯睿 博士/技術經理
化學實驗室-高雄



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測試結果

指令2009/48 / EC及其理事會修正指令 (EU) 2017/738-EN71-3 : 2013 + A3 : 2018 - 特定元素遷移。
第三類：可刮取的玩具材料。

測試部位 No. 1 : 卡其色紙

| 測試項目 | 單位 | 測試方法 | MDL | 結果 | 限值 |
|-------|-------|--|-------|-------|--------|
| | | | | No. 1 | |
| 溶出鋁 | mg/kg | 參考 EN 71 Part 3:2013 + A3:2018, 以感應耦合電漿原子發射光譜儀檢測。 | 50 | n. d. | 70000 |
| 溶出銻 | mg/kg | | 10 | n. d. | 560 |
| 溶出砷 | mg/kg | | 10 | n. d. | 47 |
| 溶出鋇 | mg/kg | | 50 | n. d. | 18750 |
| 溶出硼 | mg/kg | | 50 | n. d. | 15000 |
| 溶出鎘 | mg/kg | | 5 | n. d. | 17 |
| 溶出鈷 | mg/kg | | 10 | n. d. | 130 |
| 溶出銅 | mg/kg | | 50 | n. d. | 7700 |
| 溶出鉛 | mg/kg | | 10 | n. d. | 23 |
| 溶出錳 | mg/kg | | 50 | n. d. | 15000 |
| 溶出汞 | mg/kg | | 10 | n. d. | 94 |
| 溶出鎳 | mg/kg | | 10 | n. d. | 930 |
| 溶出硒 | mg/kg | | 10 | n. d. | 460 |
| 溶出鋇 | mg/kg | | 50 | n. d. | 56000 |
| 溶出錫 | mg/kg | | 4.9 | n. d. | 180000 |
| 溶出鋅 | mg/kg | | 50 | n. d. | 46000 |
| 溶出鉻 | mg/kg | 5 | n. d. | - | |
| 溶出三價鉻 | mg/kg | 參考 EN 71 Part 3:2013 + A3:2018, 以液相層析感應耦合電漿質譜儀檢測。 | 5 | n. d. | 460 |
| 溶出六價鉻 | mg/kg | 參考 EN 71 Part 3:2013 + A3:2018, 以液相層析感應耦合電漿質譜儀檢測。 | 0.18 | n. d. | 0.2 |

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| 測試項目 | 單位 | 測試方法 | MDL | 結果 | 限值 |
|-------|-------|---|-----|-------|----|
| | | | | No.1 | |
| 甲基錫 | mg/kg | 參考 EN 71 Part 3:2013 + A3:2018, 以氣相層析/質譜儀檢測. | 0.5 | n. d. | - |
| 二丙基錫 | mg/kg | | 0.5 | n. d. | - |
| 單丁基錫 | mg/kg | | 0.5 | n. d. | - |
| 二丁基錫 | mg/kg | | 0.5 | n. d. | - |
| 三丁基錫 | mg/kg | | 0.5 | n. d. | - |
| 單辛基錫 | mg/kg | | 0.5 | n. d. | - |
| 四丁基錫 | mg/kg | | 0.5 | n. d. | - |
| 二苯基錫 | mg/kg | | 0.5 | n. d. | - |
| 二辛基錫 | mg/kg | | 0.5 | n. d. | - |
| 三苯基錫 | mg/kg | | 0.5 | n. d. | - |
| 溶出有機錫 | mg/kg | | - | n. d. | 12 |

備註：

1. mg/kg = ppm; 0.1wt% = 1000ppm
2. MDL = Method Detection Limit (方法偵測極限值)
3. n. d. = Not Detected = below MDL (未檢出 / 低於MDL)
4. "-" = Not Regulated (無規格值)

** 報告結尾 **