紡織實驗室

Test Report 報告號碼: TX10119A /2021 /LR 日期: 2021 年 01 月 11 日頁數: 三 之 一 頁

恆大股份有限公司
台北市林森北路 372 號力霸大樓 10 樓

我們依照客戶的要求,根據申請者送交的樣品進行測試如下:

樣品敘述	:	醫用口罩
顏色	:	紫羅蘭
成份	:	紡結/熔噴/紡結 不織布
最終產品	:	醫用口罩
生產/供應商	:	恆大股份有限公司
原產國家	:	台灣
申請者	:	恆大股份有限公司
收件日期	:	2021 年 01 月 05 日
測試週期	:	2021 年 01 月 05 日 至 2021 年 01 月 11 日
測試要求	:	依申請者要求檢測中華民國國家標準 CNS 15290 L1036 紡織品安全規範(一般要求)部份項目: 『偶氮』
測試結果	:	請見下面說明

台灣檢驗科技股份有限公司

胡順隆

胡順隆
主任

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測試結果:

偶氮

測試方法: 依中華民國國家標準 CNS 16113-1 L3280-1/ CNS 16113-3 L3280-3

禁 用 胺 類	CAS No.	測試結果 (毫克/公斤) 經萃取 1	CNS 15290 上限值 (毫克/公斤)
對-胺基聯苯	92-67-1	未偵測出	30
聯苯胺	92-87-5	未偵測出	30
對-氯-鄰-甲苯胺	95-69-2	未偵測出	30
2-萘胺	91-59-8	未偵測出	30
鄰-胺基偶氮甲苯	97-56-3	未偵測出	30
5-硝基-鄰-甲苯胺	99-55-8	未偵測出	30
4-氯苯胺	106-47-8	未偵測出	30
2,4-二氨基苯甲醚	615-05-4	未偵測出	30
4,4'-二胺基二苯甲烷	101-77-9	未偵測出	30
二氯聯苯胺	91-94-1	未偵測出	30
二甲氧基聯苯胺	119-90-4	未偵測出	30
鄰-二甲基聯苯胺	119-93-7	未偵測出	30
3,3'-二甲基 4,4'-二胺基-二苯甲烷	838-88-0	未偵測出	30
2-甲氧基-5-甲基苯胺	120-71-8	未偵測出	30
4,4'-亞甲雙(2-氯苯胺)	101-14-4	未偵測出	30
4,4'-二胺基二苯醚	101-80-4	未偵測出	30
4,4'-硫二苯胺	139-65-1	未偵測出	30
鄰-甲苯胺	95-53-4	未偵測出	30
2,4-甲苯二胺	95-80-7	未偵測出	30
2,4,5-三甲苯胺	137-17-7	未偵測出	30
鄰-甲氧基苯胺	90-04-0	未偵測出	30
4-胺基偶氮苯	60-09-3	未偵測出	30

樣品敘述:
1. 紫羅蘭醫用口罩(外層)

備註: 報告極限值: 5 毫克/公斤.

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當對-胺基聯苯(化學摘要號碼 92-67-1)，2-萘胺 (化學摘要號碼 91-59-8)或2,4-二氨基苯甲醚(化學摘要號碼 615-05-4)被檢測出時，如果沒有額外的資料說明(例如著色劑的化學結構等)，被檢測樣品是否使用上述限制偶氮著色劑則無法確認。

當試樣有 PU 材質時，例如 PU 泡棉、塗層或印花，無法排除部份苯胺如4,4'-二胺基二苯甲烷(簡稱 MDA, 化學摘要號碼 101-77-9)跟 2,4-甲苯二胺(簡稱 TDA, 化學摘要號碼 95-80-7)，可能源於 PU 釋出而不是限制偶氮著色劑

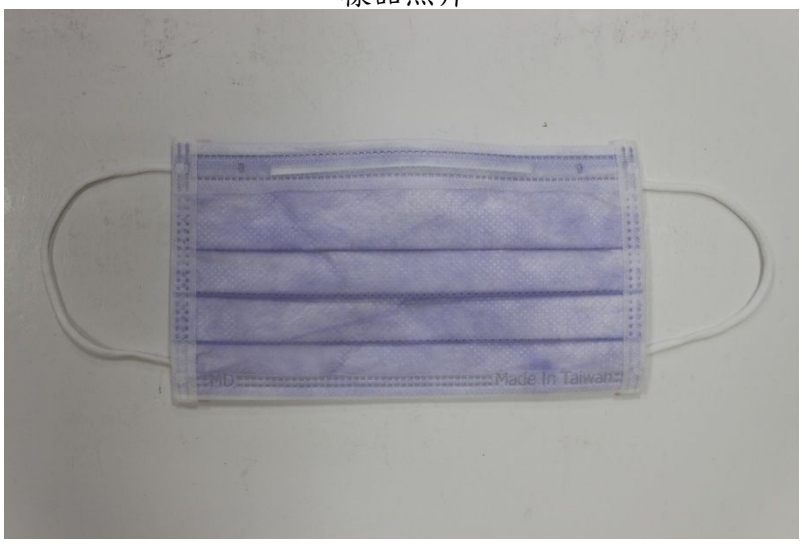
萬一當顏料印花製程中一定要使 4,4'-二胺基二苯甲烷(簡稱 MDA, 化學摘要號碼 101-77-9)，那麼 4,4'-二胺基二苯甲烷就可能不是源於限制偶氮著色劑而是來自於化學固色劑

中華民國標準 CNS 16113-1 L3280-1，會進一步將 4-胺基偶氮苯繼續還原，而產出非限制物質的苯胺和 1,4-苯二胺。因此，當苯胺及/或 1,4-苯二胺的分析結果是有數值時，則依照標準 CNS 16113-3 L3280-3 對 4-胺基偶氮苯的有無再次確認。

以上測試由 SGS 相關實驗室執行

備註：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

樣品照片



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