

# 紡織實驗室

**Test Report** 報告號碼: TX21327A /2020 /PL 日期: 2020 年 04 月 07 日 頁數: 三 之 一 頁

盟哲實業有限公司 (蘭陽精品家飾布)  
 新北市板橋區國慶路 49 巷 19 弄 9 號

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 : 一塊細亞麻布紋耐磨防火皮革

顏 色 : 灰色

成 份 : PVC+布料

型 號 : LY3139

原 產 國 家 : 台灣

申 請 者 : 盟哲實業有限公司

收 件 日 期 : 2020 年 02 月 21 日

測 試 週 期 : 2020 年 02 月 21 日 至 2020 年 02 月 27 日  
 2020 年 02 月 21 日 至 2020 年 04 月 07 日

測試項目&測試方法 : 依申請者要求進行下列測試

測試結果 : 請參照下一頁結果

備註: 此份報告項目 1~5 的測試結果摘錄自報告號碼 TX21327/2020/PL,  
 日期: 2020 年 02 月 27 日。

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:

1. 耐磨強力 (依美國材料試驗協會 (12 kpa) (ASTM D4966 - 2012 Option 1 -Martindale tester)

於 50,000 轉時

無破洞

2. 耐摩擦染色堅牢度 (依中華民國國家標準 CNS 1499 - L3032 - II 型)

	縱向	橫向
乾式	4-5 級	4-5 級
濕式	4-5 級	4-5 級

備註: 級數依據 5 階灰色標評定, 1 為最差, 5 為最好

3. 游離甲醛

測試方法: 依據國際標準組織 ISO 17226-1:2018 - 使用高效液相層析儀/二極體陣列分析

化合物	化學摘要號碼	結果 (毫克/公斤)
甲醛	50-00-0	未偵測出

備註: 方法偵測極限 = 16 毫克/公斤

4. 可塑劑

測試方法: 依據美國消費品安全委員會的方法 CPSC-CH-C1001-09.4. 使用氣相層析/質譜儀分析。

	化學摘要號碼	(%)
鄰苯二甲酸二丁酯(DBP)	84-74-2	未偵測出
鄰苯二甲酸丁酯苯甲酯(BBP)	85-68-7	未偵測出
鄰苯二甲酸二(2-乙基己基)酯(DEHP)	117-81-7	未偵測出
鄰苯二甲酸二異壬酯(DINP)	28553-12-0 / 68515-48-0	未偵測出
鄰苯二甲酸二正辛酯(DNOP)	117-84-0	未偵測出
鄰苯二甲酸二異癸酯(DIDP)	26761-40-0 / 68515-49-1	未偵測出

備註: 方法偵測極限: 0.005% (每一個可塑劑)

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測試結果:

### 5. 美國聯邦交通車輛內飾材料燃燒測試 (FMVSS 302)

測試結果

通過

樣本

	長向			寬向		
	炭化距離 (mm)	餘燄時間 (sec.)	燃燒速率 (mm/min)	炭化距離 (mm)	餘燄時間 (sec.)	燃燒速率 (mm/min)
1.	--	--	D. N. I.	--	--	D. N. I.
2.	47	37	SE/NBR	--	--	D. N. I.
3.	--	--	D. N. I.	--	--	D. N. I.

備註: SE/NBR = 自身熄滅/無燃燒速率。從燃燒計時 60 秒之前已停止燃燒, 計時後燃燒距離未超過 51 mm。  
D. N. I. = 不能點燃。該材料於 15 秒的點火時間後並未燃燒。

測試要求: 燃燒速率不能超過 102 mm/min。

結論:

測試樣本符合美國聯邦交通車輛內飾材料燃燒測試(FMVSS 302)之要求規範(49 CFR 571.302 10-1-11 Edition)。

### 6. ASTM G21

防黴測試

- : 1. 黑麴菌 *Aspergillus Brasiliensis* ATCC 9642  
2. 四松青黴菌 *Penicillium Funiculosum* ATCC 11797  
3. 球毛殼菌 *Chaetomium Globosum* ATCC 6205  
4. 綠黏帚黴菌 *Trichoderma Virens* ATCC 9645  
5. 出芽短梗黴菌 *Aureobasidium Pullulans* ATCC 15233

測試項目

結果

ASTM G21

黴菌在樣品上生長狀況  
無黴菌生長

等級  
0

培養時間: 28 Days.

等級

生長狀況

0	無黴菌生長
1	微量生長(黴菌生長面積<10%)
2	輕度生長(黴菌生長面積介於 10%~30%)
3	中度生長(黴菌生長面積介於 30%~60%)
4	嚴重生長(黴菌生長面積>60%)

測試項目 3~6 由 SGS 相關實驗室執行

\*\*\* 結 束 \*\*\*

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