

## 紡織實驗室

Test Report 報告號碼: TX52043 /2024 /SP 日期: 2024 年 05 月 27 日頁數: 四 之 一 頁

新光紡織股份有限公司

臺北市中山區中山北路 2 段 44 號 15 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 : 一塊 8305YET083381 梭織布將用於海軍官冬服上衣、下褲，  
海軍女冬服上衣、下褲、下裙，海軍兵冬服上衣、下褲，  
海軍女上中校官白刺繡大盤帽，  
海軍女士官長白刺繡大盤帽，  
海軍女校官黑船型帽，  
海軍女尉士官黑船型帽，  
海軍尉士官黑船型帽，  
海軍將校官黑船型帽，  
海軍女上士黃刺繡大盤帽，  
海軍女士官長黃刺繡大盤帽，  
海軍女少校尉官黃刺繡大盤帽，  
海軍女上中校官黃刺繡大盤帽，  
海軍女士官士兵白刺繡大盤帽，  
海軍女少校尉官白刺繡大盤帽

顏色 : 黑色

申請者 : 新光紡織股份有限公司

收件日期 : 2024 年 05 月 20 日

測試週期 : 2024 年 05 月 20 日至 2024 年 05 月 27 日

測試項目&amp;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

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:

## 客戶標準

## 1. 纖維成份分析 (依中華民國國家標準 CNS 2339-2 L3050-2)

聚酯纖維	54.3%	羊毛 45±3, 餘為
羊毛	45.7%	多元酯纖維

備註: 公定回潮率 聚酯纖維 1.5% &amp; 羊毛 18.25%

## 2. 紗支數 (參照中華民國國家標準 CNS 12915 - L3233 6.8.1)

經紗支數	2/ 54.9 Nm	56 支雙股±5%
緯紗支數	2/ 54.5 Nm	56 支雙股±5%

## 3. 經緯紗密度 (以放大鏡分析)

經紗根數/每英吋	116.0	112 根/吋(含)以上
緯紗根數/每英吋	66.0	62 根/吋(含)以上

4. 抗拉強力 (參照中華民國國家標準 CNS 12915 L3233 6.12.1(1) 5cm 條式法,  
拉伸速度 30±2cm/min)

經向(kgf)	131.5	85 公斤(含)以上
緯向(kgf)	77.4	45 公斤(含)以上

## 5. 單位面積之質量 (依中華民國國家標準 CNS 12915 - L3233 6.4)

克/平方公尺	285.1	260.0 公克/平方公尺 (含)以上
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## 6. 起球檢驗 (依中華民國國家標準 CNS 8040 - L3140 - D-1 法 - 30 分鐘)

級數	4-5 級	3 級(含)以上
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## 測試結果:

7. 織物收縮率檢驗 (依中華民國國家標準 CNS 8038-L3138 - A 法 - 常溫水浸漬法 - 溫度  $25\pm 2^{\circ}\text{C}$  - 30 分鐘- 置於水平網狀透氣之平面上, 使其自然乾燥 - 洗一次)

客戶標準

經向	-0.8%	2%(含)以下
緯向	-0.3%	2%(含)以下

備註: (+)表示伸長 (-)表示收縮

8. 耐洗染色堅牢度 (依中華民國國家標準 CNS 1494 - L3027 - A-3 法, 水洗溫度  $60^{\circ}\text{C}$ )

變褪色	4-5 級	變褪色 4 級(含)以上
染污		染污
聚酯纖維	4-5 級	4 級(含)以上
羊毛纖維	4 級	

備註: 級數依據 5 階灰色標評定, 1 為最差, 5 為最好

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

	經向	緯向	
乾式	4-5 級	4-5 級	4 級(含)以上
濕式	4 級	4 級	4 級(含)以上

備註: 級數依據 5 階灰色標評定, 1 為最差, 5 為最好

10. 耐汗染色堅牢度 (依中華民國國家標準 CNS 1496 - L3029)

	鹼性	酸性	
變褪色	4-5 級	4-5 級	變褪色 3 級(含)以上
染污			染污
聚酯纖維	4 級	4 級	3 級(含)以上
羊毛纖維	3-4 級	3-4 級	

備註: 級數依據 5 階灰色標評定, 1 為最差, 5 為最好

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## 測試結果:

11. 耐破弧燈光染色堅牢度 (依中華民國國家標準 CNS 3845 - L3074 第 3 曝光法) 客戶標準

標準藍色布標(4 級)

級數

4 級

4 級(含)以上

12. 柔軟度 (依中華民國國家標準 CNS 12915 L3233 6.19.1)

	正面	背面	
經向(cm)	3.3	3.7	4.20 公分(含)以下
緯向(cm)	3.2	3.2	4.20 公分(含)以下

13. 電腦對色 (色差)

儀器: 分光儀, D/8 度 (X-Rite SP68 Spectrophotometer)

包含鏡面光及 UV 光

光源: D65 光源和 TL84 光源

觀察角度: 10 度

試樣為折疊四層

	標準樣 (D65 光源)	測試樣 (D65 光源)	標準樣 (TL84 光源)	測試樣 (TL84 光源)	
L*(明度)	17.51	17.98	17.19	17.70	
a*(紅/綠座標值)	0.21	0.68	-0.33	-0.08	
b*(黃/藍座標值)	-1.66	-1.73	-2.27	-2.10	
c* <sub>ab</sub> (彩度)	1.67	1.86	2.29	2.11	
h* <sub>ab</sub> (色相角)	277.21	291.32	261.73	267.82	
ΔE* <sub>CMC(2:1)</sub> (色差)	-	0.67	-	0.46	ΔE ≤ 1.2

\*\*\* 結 束 \*\*\*

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