

紡織實驗室

Test Report 報告號碼: TX52044 /2024 /SH 日期: 2024 年 08 月 28 日頁數: 四 之 一 頁

新光紡織股份有限公司

台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 : 三塊 8305YETJ23978 梭織布將用於軍官黃長袖上衣, 海軍官黃短袖上衣
海軍女黃長袖上衣, 海軍女黃短袖上衣, 海軍女黃下裙, 海軍官黃下褲
海軍女黃下褲, 海軍將官黃刺繡大盤帽, 海軍上中校官黃刺繡大盤帽
海軍少校尉官黃刺繡大盤帽, 海軍士官長黃刺繡大盤帽
海軍上士黃刺繡大盤帽, 海軍女上中校官黃刺繡大盤帽
海軍女少校尉官黃刺繡大盤帽, 海軍女士官長黃刺繡大盤帽
海軍女上士黃刺繡大盤帽

顏色 : (A), (B), (C) 黃色

申請者 : 新光紡織股份有限公司

收件日期 : 2024 年 05 月 20 日; 2024 年 06 月 11 日; 2024 年 06 月 20 日

測試週期 : 2024 年 05 月 20 日至 2024 年 05 月 27 日
2024 年 06 月 11 日至 2024 年 06 月 13 日
2024 年 06 月 20 日至 2024 年 06 月 28 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

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)

	(A)	
聚酯纖維	56.8%	45%±3 羊毛, 餘為
羊毛	43.2%	聚酯纖維

備註: 公定回潮率 聚酯纖維 1.5% 和 羊毛 18.25%

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

	(A)	
經紗支數	2/49.1 Nm	48 支±2 支/2
緯紗支數	2/49.4 Nm	48 支±2 支/2

3. 組織(以放大鏡分析)

(A)	
1/1 平紋織製	1/1 平紋織製

4. 經緯紗密度(以放大鏡分析)

	(A)	
經紗根數/每英吋	58.0	56 根/吋(含以上)
緯紗根數/每英吋	58.0	53 根/吋(含以上)

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

	(A)	
克/平方公尺	199.0	180 公克/平方公尺(含以上)

6. 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)

	(A)	
經向(kgf)	78.2*	70 公斤(含)以上
緯向(kgf)	78.7*	70 公斤(含)以上

*測試樣品於接近夾頭處破裂

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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 - C 法 - 浸透浸漬法 - 溫度 25±2°C
- 30 分鐘 - 乾燥方法(b) - 洗一次)

客戶標準

經向	(A) -1.2%	2%(含)以下
緯向	-0.7%	2%(含)以下

備註: (+)表示伸長 (-)表示收縮

8. 起毛檢驗 (依中華民國國家標準 CNS 8040 - L3140 - D-1 法 - 30 分鐘)

級數	(A) 4-5 級	3 級(含)以上
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9. 摩擦強度 (依中華民國國家標準 CNS 12915 - L3233 6.17.1 - 1 磅荷重, 4psi 氣壓,
Buffallo C2000 紗紙)

在 500 轉	(A) 476 轉	(B) 483 轉	(C) 296 轉	500 次(含)以上
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10. 耐摩擦染色堅牢度 (依中華民國國家標準 CNS 1499 - L3032 - II 型)

	(A)	
	經向	緯向
乾式	4-5 級	4-5 級
濕式	4-5 級	4-5 級
		4 級(含)以上
		3 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

11. 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°C)

	(A)	變褪色
變褪色	4-5 級	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	4-5 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:

客戶標準

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

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

13. 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)

標準藍色布標(4 級)	(A)	(B)	(C)	
級數	未滿 4 級	未滿 4 級	未滿 4 級	4 級(含)以上

14. 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 F11 光源
 觀察角度: 10 度
 試樣為折疊四層

樣品(A)

	標準樣 (D65 光源)	測試樣 (D65 光源)	標準樣 (F11 光源)	測試樣 (F11 光源)	
L*(明度)	56.68	56.41	57.28	57.07	
a*(紅/綠座標值)	5.69	5.19	7.18	6.83	
b*(黃/藍座標值)	13.55	12.53	15.62	14.46	
c* _{ab} (彩度)	14.70	13.56	17.19	15.99	
h* _{ab} (色相角)	67.22	67.51	65.31	64.72	
ΔE* _{CMC(2:1)} (色差)	-	0.42	-	0.47	ΔE≤1.2

*** 結 束 ***

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