

紡織實驗室

Test Report 報告號碼: TX61390 /2024 /SP 日期: 2024 年 06 月 25 日頁數: 三 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 : 一塊梭織布 PP-P2491-1 將用於新式運動服下褲

顏色 : 黑色

成份 : 100% Recycled Polyester

布重 : 124gsm

軍方規格品名 : 新式運動服下褲

軍方規格編號 : CMS-N-000308

申請者 : 新光紡織股份有限公司

收件日期 : 2024 年 06 月 14 日

測試週期 : 2024 年 06 月 14 日至 2024 年 06 月 24 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

- 測試樣退還給申請者 -

台灣檢驗科技股份有限公司

張家豪

張家豪
技術經理

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測試結果:

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

聚酯纖維	100%
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2. 經緯紗密度 (依中華民國國家標準 CNS 12915 - L3233 6.6)

經紗根數/每英吋	134.0
緯紗根數/每英吋	108.0

3. 單位面積之質量 [依美國材料試驗協會 ASTM D3776/D3776M-20 Option C]

公克/每平方公尺	128
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4. 抗拉強力 (依美國材料試驗協會 ASTM D5034-21 - Grab method, CRE)

經向	121.41bf
緯向	165.31bf*

*測試樣品於接近夾頭處破裂

5. 撕裂強度 (依美國材料試驗協會 ASTM D1424 - 21 - Elmendorf condition 1 without wetting)

橫跨經向	4.61bf
橫跨緯向	15.81bf

6. 吸水性 (依美國紡織化學協會 AATCC 79 - 2018 - 滴下法)

正面	1.3 秒
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7. 垂直吸濕 (依日本工業規格協會 JIS 1907:2010 Section 7.1.2 Byreck 法)

10 分鐘後	
經向 (mm)	117
緯向 (mm)	134

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測試結果:

8. 耐摩擦染色堅牢度 (依美國紡織化學協會 AATCC 8 - 2016e(2022)e)

乾式	4.5 級
濕式	4 級

備註: 級數依據 5 階灰色標評定, 1 為最差, 5 為最好

9. 耐水洗染色堅牢度 (參照美國紡織化學協會 AATCC 61:2013e(2020) 2A at 120°F)

變褪色	4.5 級
對醋酸纖維污染度	3.5 級
對棉纖維污染度	3.5 級
對尼龍纖維污染度	2.5 級
對聚酯纖維污染度	4.5 級
對亞克力纖維污染度	4.5 級
對羊毛纖維污染度	4.5 級

備註: 級數依據 5 階灰色標評定, 1 為最差, 5 為最好

10. 汗液染色堅牢度 (依美國紡織化學協會 AATCC 15:2021)

變褪色	4.5 級
對醋酸纖維污染度	4 級
對棉纖維污染度	4 級
對尼龍纖維污染度	4 級
對聚酯纖維污染度	4.5 級
對亞克力纖維污染度	4.5 級
對羊毛纖維污染度	4.5 級

備註: 級數依據 5 階灰色標評定, 1 為最差, 5 為最好

11. 織物收縮率檢驗 (依美國紡織化學協會 AATCC 135 - 2018 - (1)IIA - 水溫 80±5°F
機器洗 - 低溫烘乾 - 洗 3 次)

經向	-0.8%
緯向	-0.4%

備註: (+) 表示增長 (-) 表示縮短

*** 結 束 ***

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