

紡織實驗室

Test Report 報告號碼: TX52040 /2024 /SH 日期: 2024 年 05 月 24 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-2491-2(新式運動服下褲)

顏色 : 丈青色

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-003107A

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 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 (依美國紡織化學協會 AATCC 20:2021)

聚酯纖維	100%
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2. 經緯紗密度 (依美國材料試驗協會 ASTM D3775-14)

經紗根數/2.54 公分	130.0
緯紗根數/2.54 公分	104.0

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	123.6
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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	117.3 lbs*
緯向	168.1 lbs*

*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	4.8 lbs
橫跨緯向	14.8 lbs

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

正面	1.2 秒
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測試結果:

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)	122
緯向 (mm)	135

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	4.5 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 (依美國紡織化學協會 AATCC 61:2013e(2020) 2A at 120°F)

變褪色	4.5 級
對醋酸纖維污染度	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

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	4.5 級
對棉纖維污染度	4.5 級
對尼龍纖維污染度	4.5 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

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