



紡織實驗室

Test Report 報告號碼: TXB1111 /2013 /PL 日期: 2013 年 11 月 27 日 頁數: 一 之 一 頁

昕德紡織股份有限公司
彰化縣社頭鄉埤斗村復興路 138 巷 26 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	: 一塊針織 ES1310002-0001 銀纖單面細洞布
顏色	: 淺藍色
成份	: 85% POLYESTER 10.5% SPANDEX 4.5% SILVER FIBER (銀纖)
布重	: 220g/y
幅寬	: 58"
申請者	: 財團法人紡織產業綜合研究所
收件日期	: 2013 年 11 月 14 日
測試週期	: 2013 年 11 月 14 日至 2013 年 11 月 27 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:

抗菌測試: 依美國紡織化學協會 AATCC 100: 2012

測背面*

試驗菌種: 金黃色葡萄球菌 ATCC6538		
試驗組別	CFU/mL	減菌率(R%)
對照組 0 小時菌數(C)	1.7×10^5	>99.9
樣品組 0 小時菌數(B)	1.7×10^5	
樣品組 24 小時菌數(A)	<100	

備註:

1. 對照組 0 小時菌數(C)應介於 $1.0 \times 10^5 \sim 2.0 \times 10^5$ CFU/mL
2. 減菌率 R (%) = $100(B-A)/B$
3. 樣品為直徑 4.8cm 試驗片, 共 6 片

此項測試由 SGS 相關實驗室執行

*依客戶的要求測背面

*** 結 束 ***

台灣檢驗科技股份有限公司

張美華

主任



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TWB1651664



Textile Laboratory

Test Report

No: TXB1111B /2013 /PL

Date: Dec. 12, 2013

Page: 1 OF 1

Sun Tex Textile Co., Ltd
No.26,Lin.138,Fuxing Rd.,Shetou Township,Changhua
County 511Taiwan (R.O.C)

The following sample was submitted and identified by applicant as:

Sample Description : One sample of ES1310002-0001 silver fiber fine hole single jersey
 Color : Blue
 Fiber Content : 85% Polyester 10.5% Spandex 4.5% Silver Fibe
 Fabric Weight : 220g/y
 Fabric Width : 58"
 Applicant : Taiwan Textile Research Institute
 Sample Receiving Date : Nov. 14, 2013
 Test Performance Period : Nov. 14, 2013 to Nov. 27, 2013

Test Performed : Selected test(s) as requested by applicant.

Test Results:

Antibacterial Finishes on Textile Materials (AATCC 100 - 2012)

Test Bacteria : Staphylococcus aureus ATCC No. 6538		
Test Group	CFU/mL	Reduction (R)%
Untreated control at "0" hr (C)	1.7×10^5	>99.9
Treated test at " 0 " hr (B)	1.7×10^5	
Treated test at " 24 " hr (A)	<100	

Note:

1. Bacteria counts of untreated control at " 0 " hr (C) should be at 1.0×10^5 to 2.0×10^5 CFU
2. Reduction R (%) = $100(B-A)/B$
3. Samples are 4.8 cm in diameter, 6 swatches in total.

Tested by relevant SGS laboratory.

Remark: Test results have been taken from report number TXB1111/2013/PL, Date: Nov. 27, 2013

*** End of Report ***

Signed for and on behalf of
SGS Taiwan Ltd.


 Hsu Wei Yi, Clare
 Test Specialist



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