

Test Report

No: TX60534C /2007 /PL

Date: JUNE 23, 2007

Page: 1 OF 2

COLOTEX INDUSTRIAL CO., LTD.
5F, NO.13, LANE 35, JIHU ROAD, NEIHU 114,
TAIPEI, TAIWAN, R.O.C.

The following sample was submitted and identified by the client as:

SAMPLE DESCRIPTION: (AS DECLARED)
ONE SAMPLE OF KNITTED FABRIC X-222 100% POLYESTER
(35% X-ODOR FIBER) HIGH GAUGE JERSEY, WICKING,
DRIES-QUICKLY, ANTI-ODOR, ANTI-MICROBIAL, UV-PROTECTION,
SOFT TO TOUCH COMFORTABLE STRETCH 60"X180g/y(124.5g/sqm)
IN LT. BLUE

STYLE NO.: X-222

MANUFACTURER/VENDOR: COLOTEX INDUSTRIAL CO., LTD.

COUNTRY OF ORIGIN: TAIWAN

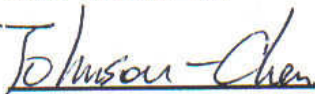
SAMPLE RECEIVING DATE: JUNE 07, 2007

TEST STARTING DATE: JUNE 07, 2007

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

Test Results: For further details, please refer to the following page(s).

Signed for and on behalf of
SGS Taiwan Ltd.



Chen Cheng-Kuei, Johnson
Asst. Supervisor

This Test Report is issued by the Company subject to its General Conditions of Service printed overleaf or available on request and accessible at www.sgs.com. Attention is drawn to the limitations of liability, indemnification and jurisdictional issues defined therein. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. 此報告是遵循本公司訂定之通用服務條款所製作發放，請注意此條款列印於背面，亦可在www.sgs.com中查閱。將本公司之義務、免責、管轄權皆明確規範之。除非另有說明，此報告結果僅對檢驗之樣品負責。本報告未經本公司書面許可，不可部份複製。對本報告內容或外觀之任何未經授權之變更、偽造、竄改皆屬非法，違犯者將會被依法追訴。

TW 5167129

Test Report

No: TX60534C /2007 /PL

Date: JUNE 23, 2007

Page: 2 OF 2

Test Results:

Antibacterial Finishes on Textile Materials (AATCC 100)

Before washing

TEST BACTERIA : *Staphylococcus aureus* ATCC No. 6538

TEST ITEM	Counts At "0 Hr"	Counts At "24hr"	REDUCTION (R%)
	Contact Time	Contact Time	
	(CFU/Diameter 4.8cm x 4 piece)	(CFU/Diameter 4.8cm x 4 piece)	
NEGATIVE CONTROL SPECIMEN	1.2×10^5	8.2×10^6	-
TEST SPECIMEN	1.0×10^5	$< 1.0 \times 10^2$	99.9

TEST BACTERIA : *Klebsiella pneumoniae* ATCC No. 4352

TEST ITEM	Counts At "0 Hr"	Counts At "24hr"	REDUCTION (R%)
	Contact Time	Contact Time	
	(CFU/Diameter 4.8cm x 4 piece)	(CFU/Diameter 4.8cm x 4 piece)	
NEGATIVE CONTROL SPECIMEN	1.4×10^5	2.9×10^8	-
TEST SPECIMEN	1.3×10^5	$< 1.0 \times 10^2$	99.9

After washing*

TEST BACTERIA : *Staphylococcus aureus* ATCC No. 6538

TEST ITEM	Counts At "0 Hr"	Counts At "24hr"	REDUCTION (R%)
	Contact Time	Contact Time	
	(CFU/Diameter 4.8cm x 4 piece)	(CFU/Diameter 4.8cm x 4 piece)	
NEGATIVE CONTROL SPECIMEN	1.2×10^5	8.2×10^6	-
TEST SPECIMEN	1.4×10^5	$< 1.0 \times 10^2$	99.9

TEST BACTERIA : *Klebsiella pneumoniae* ATCC No. 4352

TEST ITEM	Counts At "0 Hr"	Counts At "24hr"	REDUCTION (R%)
	Contact Time	Contact Time	
	(CFU/Diameter 4.8cm x 4 piece)	(CFU/Diameter 4.8cm x 4 piece)	
NEGATIVE CONTROL SPECIMEN	1.4×10^5	2.9×10^8	-
TEST SPECIMEN	1.3×10^5	$< 1.0 \times 10^2$	99.9

NOTE: Reduction(%) = (Counts At "0 Hr" Contact Time - Counts At "24hr" Contact Time) / Counts At "0 Hr" Contact Time x 100

The test was subcontracted to other SGS Laboratory.

*Washing condition : AATCC 135 2004 - (1) IIIA - Machine wash at $105 \pm 5^\circ\text{F}$
- using 1993 AATCC Standard Reference Detergent
- normal cycle - tumble dry low - 25 cycles.

*** End of Report ***

This Test Report is issued by the Company subject to its General Conditions of Service printed overleaf or available on request and accessible at www.sgs.com. Attention is drawn to the limitations of liability, indemnification and jurisdictional issues defined therein. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. 此報告是遵循本公司訂定之通用服務條款所製作發放。請注意此條款列印於背面，亦可在 www.sgs.com 中查閱。將本公司之義務，免責，管轄權皆明確規範之。除非另有說明，此報告結果僅對檢驗之樣品負責。本報告未經本公司書面許可，不可部份複製。對本報告內容或外觀之任何未經授權之變更、偽造、篡改皆屬非法，違犯者將會被依法追訴。

TW 5167130

SGS Taiwan Ltd.
台灣檢驗科技股份有限公司No.31 Wu Chyuan Road, Wuku Industrial Zone, Taipei County, Taiwan. / 台北縣五股工業區五權路31號
t (886-2) 2299-3939 f (886-2) 2299-3227 www.tw.sgs.com