

Sample Photo



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TEST REPORT

APPLICANT: SUZHOU SILK IMPORT&EXPORT CORP. LTD
 25F, TOWER 1, JINGHOPE PLAZA, 88 HUACHI STREET, SIP, SUZHOU, JIANGSU, PRC, 215028
DATE: Mar 05, 2020
REPORT#: SL52025231946701TX
DATE IN: Mar 03, 2020
DATE OUT: Mar 05, 2020
ATTN: JON
RETEST: No
PREVIOUS REPORT#: -

BUYER:	H&M HENNES & MAURITZ		
BRAND:	H&M Ladies		
H&M PRODUCT GROUP:	Knits		
H&M PRODUCTION OFFICE:	Shanghai		
H&M PRODUCT END-USE:	Shirts		
H&M ORDER No.#:	-		
OPD:	-		
SEASON:	-		
STAGE:	<input checked="" type="checkbox"/> P-S (Production Sample) <input type="checkbox"/> C-S (Counter Sample) <input type="checkbox"/> D-S (Development Sample) <input type="checkbox"/> R-S (Random Sample) <input type="checkbox"/> Q-S (Quotation Sample) <input type="checkbox"/> Bulk Material <input type="checkbox"/> Others		
SAMPLE DESCRIPTION:	(A)Knitted fabric: Softcol active		
H&M PRODUCT NAME:	-		
COLOR NAME:	(A)black	COLOR CODE:	-
FIBER CONTENT:	(A)SHELL 91% POLYESTER 9% LYCRA	FABRIC WEIGHT:	-
YARN SIZE:	-	CONSTRUCTION:	-
CHILDREN SLEEPWEAR:	No	SIZE RANGE:	-
CATEGORY:	<input checked="" type="checkbox"/> Adult (>14 year-old) <input type="checkbox"/> Children (0~3 year-old) <input type="checkbox"/> Children(4~14 year-old)		
SUPPLIER:	SUZHOU SILK I/E CORP. LTD.		<input type="checkbox"/> Tier 1 <input checked="" type="checkbox"/> Tier 2
MANUFACTURER:	N/A		
COUNTRY OF ORIGIN:	-	COUNTRY OF DESTINATION*:	-
CARE INSTRUCTIONS:	-		



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Conclusion	A	Remark
Ultraviolet Protection Factor (UPF)	See Result	

Remark(s) : Pass = Meets client's Performance Standard.
 Fail = Fails to meet client's Performance Standard.

Signed for and on behalf of
 SGS-CSTC Standards Technical
 Services (Shanghai) Co. Ltd.



Sammi Song (Account Executive)

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Test Result

Ultraviolet Protection Factor (UPF)

(AS/NZS 4399:2017, Appendix A; Test Conditions

- 1) Air temperature: 21±1oC
- 2) Relative humidity: 65±2% R.H.
- 3) Orientation of test specimen: Specimens were clamped on sample holder. Fabric face side is facing the incident UV light.
- 4) Test conducted in wavelength range 290-400 nm
- 5) Instrument: UV-VIS Spectrophotometer
- 6) No. of Scans: 8)

As Received

	Unit	(A)	Requirement
Mean UPF	-	60	-
Standard Deviation	-	1.6	-
Standard Error	-	2.0	-
UPF Rating	-	50+	-
Protection Classification	-	Excellent	-
Mean UVA (315-400nm) Transmission	%	1.85	-
Mean UVB (290-315nm) Transmission	%	1.62	-

Remarks :

1. Refer to AS/NZS 4399, the UPF classification system is:

Classification	Effective UVR transmission,%	UPF Ratings
Minimum	6.7 to 3.3	15
Good	3.2 to 2.1	30
Excellent	<=2.0	50, 50+

2. The results given apply only to the colour and weight of fabric tested. Unless otherwise stated the fabric is tested dry and relaxed.

3. This UPF Rating is for the fabric and does not address the amount of protection which is afforded by the design of the article. The manipulations involved in garment manufacture such as stretching and sewing may lower the UPF of the material.

4. The protection offered by this fabric may be lessened :

- i) At points where the fabric is in close contact with the skin such as across the shoulders
- ii) If the fabric is stretched
- iii) If the fabric is wet; and
- iv) With time due to effects of normal wear.

End of Report

