

The following sample(s) was/were submitted and identified on behalf of the client as:

Sample Description : KNITTED GARMENT: 60% COTTON 40% POLYESTER IN NAVY BLUE (DRY FRESH PARA DAMA CON CUELLO MAN M/L AZUL MARINO)

Style No. : 0231604

Composition : 60% cotton 40% polyester

Color : navy blue

Order No. : S-20, 21

Manufacturer :

Country of Destination : Chile

Category : ADULT

Supplier :

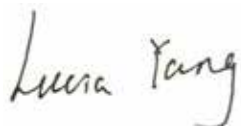
Sample Receiving Date : Dec 09, 2019

Testing Period : Dec 09, 2019 - Dec 12, 2019

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

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

Signed for and on behalf of  
SGS-CSTC Standards Technical Services Co., Ltd. Ningbo Branch



Lucia Yang



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Test Result

**Ultraviolet Protection Factor (UPF)**

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

- 1) Air temperature: 21±1°C
- 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	
Mean UVA (315-400nm) Transmission	%	1.72
Mean UVB (290-315nm) Transmission	%	1.44
Mean UPF	-	67.71
Standard Deviation	-	5.71
UPF Rating	-	50+

Comment: Sample provides **Excellent** protection as per AS/NZS 4399 UPF classification system

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.

The statement of conformity in this test report is only based on measured values by the laboratory and does not take their uncertainties into consideration.

\*\*\*End of Report\*\*\*



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1-5F West No. 4 Building, Lingyun Industry Park, No.1177 Lingyun Road, Ningbo National Hi-Tech Zone, Ningbo, China 315040 t (86-574)87767006 f (86-574)87764217 www.sgs.com.cn  
 中国·浙江·宁波市国家高新区凌云路1177号凌云产业园4号楼西1-5层 邮编: 315040 t (86-574)87767006 f (86-574)87764217 e sgs.china@sgs.com