

**Test Report** SL92329332904201TX Date:October 16,2023 Page 1 of 6

T-SHIRT MAX CHILE SPA LOS HIBISCUS 123 COLINA

The following sample(s) was/were submitted and identified on behalf of the client as: Sample Description UNICRESE CVC PIQUE POLO(POLERA PIQUE)

Sample Color (A)WHITE(BLANCO)

(A)60%ALGODON,40%POLIESTER Composition

Style No. **CVC POLO** 

Country of Destination Chile Retest No

Proposed Care Instruction:

Sample Receiving Date Oct 12, 2023

**Testing Period** Oct 12, 2023 - Oct 16, 2023

Test Result(s) Unless otherwise stated the results shown in this test report refer only to the

sample(s) tested, for further details, please refer to the following page(s).

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



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Conclusion Remark

Ultraviolet Protection Factor (UPF) **PASS** 

Remark(s): PASS=Meet Client's/General Requirement

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

King Cho (Section Head)



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Test Result

## **Ultraviolet Protection Factor (UPF)**

(AATCC TM183-2020e; Test Conditions:

- 1) Test conducted in wavelength range 280-400 nm.
- 2) Instrument: UV-VIS Spectrophotometer.
- 3) No. of Scans: 6.)

0,				
Α	Unit	Dry Evaluation	Wet Evaluation	Requirement
As Received				
Mean Ultraviolet Protection Factor (UPF)	No Unit	64	59	-
Standard Deviation	No Unit	5	4	-
Standard Error	No Unit	8	6	-
UPF Rating	No Unit	50+	50+	50+
Protection Category	No Unit	Excellent	Excellent	-
Percent Transmittance, T (UV-A)	%	1.73	1.98	-
Percent Transmittance, T (UV-B)	%	1.37	1.43	-
The Percent Blocking, UV-A	%	98.27	98.02	-
The Percent Blocking, UV-B	%	98.63	98.57	-

## Remarks:

- 1. Refer to ASTM D6603, the UV protection category is determined by the UPF values,
- UPF 40 or greater Excellent UV Protection
- UPF in between 25 to 39 Very Good UV Protection
- UPF in between 15 to 24 Good UV Protection
- UPF less than 15 Unclassification
- 2. Ultraviolet Protection Factor (UPF) is the ratio of the average effective ultraviolet radiation (UV-R) irradiance transmitted and calculated through air to the average effective UV-R irradiance transmitted and calculated through fabric.
- 3. The limits of the spectral range of ultraviolet radiation are not well defined and may vary according to the user. Committee E-2.12 of the International Commission on Illumination (CIE) distinguishes in the spectral range between 400 and 100 nm:

UV-A: 315 - 400 nm UV-B: 280 - 315 nm UV-R: 280 - 400 nm

- 4. This method can also be used to determine the UPF of the fabrics in a stretched state. However, the techniques for stretching the specimens are not part of this method and are addressed in a separate test procedure. It must be noted that stretching the specimens could change the UPF properties.
- 5. The listed protection category is for reference only, the market claims for labeling UV-Protection product shall follow "Standard Guide For Labeling UV-Protection Textiles" as stated in ASTM D6603.



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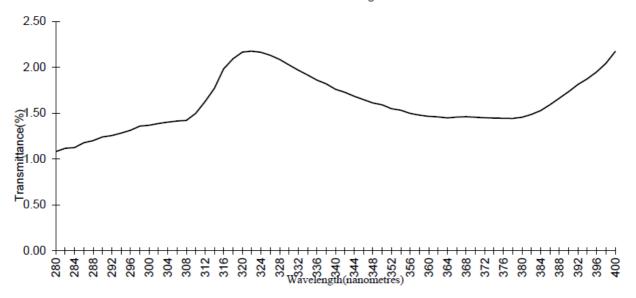


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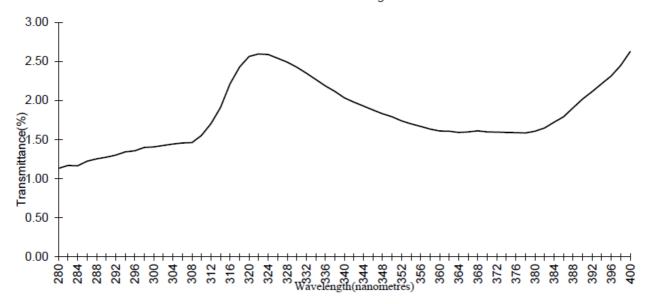
Dry:





Wet:

## **UV Transmittance Through Fabrics**





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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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