

Test Report No. SL617062349966TX Date: Jun 27, 2017 Page 1 of 3

SOCIEDAD IMPORTADORA MARITEX LTDA EL SALTO #1979, RECOLETA SANTIAGO, CHILE

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

Sample Description One woven fabric: 70%cotton 30%polyester in white Buyer MARITEX IMPORTACION ARTICULÓS TEXTILES

Manufacturer MARITEX LTDA Order No. AS PER ORDER Style No MARITEX OXFORD

Exported to **CHILE** Sample Receiving Date

Jun 21, 2017 Test Performing Period Jun 22, 2017 - Jun 27, 2017

Test Performed Selected tests as requested by applicant against Client's performance

Test Result(s) : Please refer to the next page(s).

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

Rina Shu (Account Executive)



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Test Result:

Ultraviolet Protection Factor / UPF^

(AATCC 183-2014)

As Received

	<u>Dry Evaluation</u>	Wet Evaluation
Mean Ultraviolet Protection Factor	59	51
(UPF):		
Standard Deviation :	2.0	1.4
Rated UPF:	20	15
Protection Category	Excellent	Excellent
Percent Transmittance, T (UV-A):	2.79	3.45
Percent Transmittance, T (UV-B):	3.94	5.19
The Percent Blocking, UV-A:	97.21	96.55
The Percent Blocking, UV-B:	96.06	94.81

Test was conducted in wavelength range: 280 - 400 nm

Instrument: UV – Vis Spectrophotometer model

No. of Scans : 6 Remarks :

- (1) 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.
- (2) 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

- (3) This method can also be used to determine the UPF of wet and/or stretched fabrics. However, the techniques for wetting and/or stretching the specimens are not part of this method and are addressed in a separate test procedure. It must be noted that wetting and/or stretching the specimens could change the UPF properties.
- (4) Refer to ASTM D6603-11, the UV protection category is determined by the UPF values,

UPF 40 or greater
UPF in between 25 to 39
UPF in between 15 to 24
UPF less than 15

(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 D6603-11

^This test was carried out by SGS S.H. Laboratory



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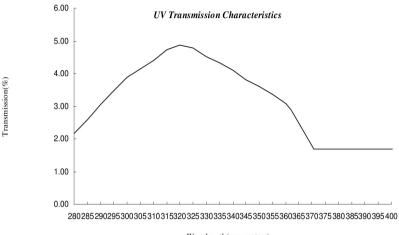
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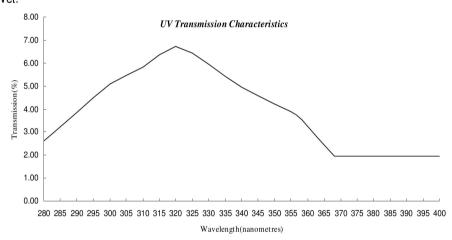
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Dry:



Wavelength(nanometres)

Wet:



*** End of Report ***



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