



Test Report

No. SL619062988502TX

Date: Nov 05, 2019

Page 1 of 3

KUPFER HERMANOS S.A.
LIBERTAD 58,SANTIAGO RM 8350601,CHILE

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

Sample Description : One woven fabric: 100%polyester in orange(Fabric 100% Polyester 130gsm in orange with the UV Protection)
Manufacturer :
Supplier :
Country of Origin : China
Exported to : Chile
Sample Receiving Date : Oct 29, 2019
Test Performing Period : Oct 30, 2019 - Nov 05, 2019
Test Performed : Selected tests as requested by applicant.

* * * *

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

Conclusion(s) :
Ultraviolet Protection Factor (UPF) M

Remark(s) :
M = Meet General Requirement

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

Jack Zhang (Account Executive)



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Test Result:
Ultraviolet Protection Factor (UPF) ^

(EN 13758-1:2001+A1:2006;Test Conditions

- 1) Air temperature: 21±1℃
- 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)	<u>Requirement</u>
Mean UVA (315-400nm) Transmission	%	2.13	
Mean UVB (290-315nm) Transmission	%	0.65	
Mean UPF	-	112	
Standard Deviation	-	8.0	
Standard Error	-	6.6	
Sample UPF	-	>50	-

Comment: Sample (A) **Comply** with the UPF 40+ labelling requirement

Labeling requirement :

According to EN 13758-2:2003+A1:2006, in order to fulfill the UPF 40+ labelling requirement, the clothing assembly shall have the lowest UPF value larger than 40 and average UV-A transmission smaller than 5%.

Remarks :

1. The results given apply only to the colour and weight of fabric tested. Unless otherwise stated the fabric is tested dry and relaxed.
2. 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.
3. 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.
4. For headwear: The item does not provide protection against reflected or scattered solar UVR.

^This test was carried out by SGS Shanghai Laboratory



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Sample Photo



*** End of Report ***



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