

GUSTAV MULLER GMBH & CO. KG
RUDOLF-DIESEL-STR. 27D-78532 TUTTLINGEN

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

Sample Description : (A)Woven hat

Sample Color : (A)white

Style No. : 447816 (1273, 1683)

Country of Destination : Germany

Retest : No

Sample Receiving Date : Nov 10, 2022

Testing Period : Nov 10, 2022 - Nov 15, 2022

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

Conclusion	A	Remark
Ultraviolet Protection Factor (UPF)	See Results	

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

Bella Zhou

Bella Zhou (Account Executive)



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86) 7661 8107
1649. At email: CN.Docs@sgs.com
1/F, Building 2, No.9, Yongfeng Road, Qinhuai District, Nanjing, China 210014 t (86-25) 84556406 f (86-25) 84553467 www.sgs.com.cn
中国·南京·秦淮区永丰大道9号2幢1层 邮编: 210014 t (86-25) 84556406 f (86-25) 84553467 e sgs.china@sgs.com

Test Result

Ultraviolet Protection Factor (UPF)

(AS 4399:2020, 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 model
- 6) No. of Scans: 8)

As Received

	Unit	A	Requirement
Mean UPF	-	1959	-
Standard Deviation	-	2.5	-
Standard Error	-	10.3	-
UPF Rating	-	50+	-
Protection Classification	-	excellent	-
Mean UVA (315-400nm) Transmission	%	0.07	-
Mean UVB (290-315nm) Transmission	%	0.05	-

Remarks :

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

Classification	UPF Ratings
Minimum	15
Good	30
Excellent	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 :

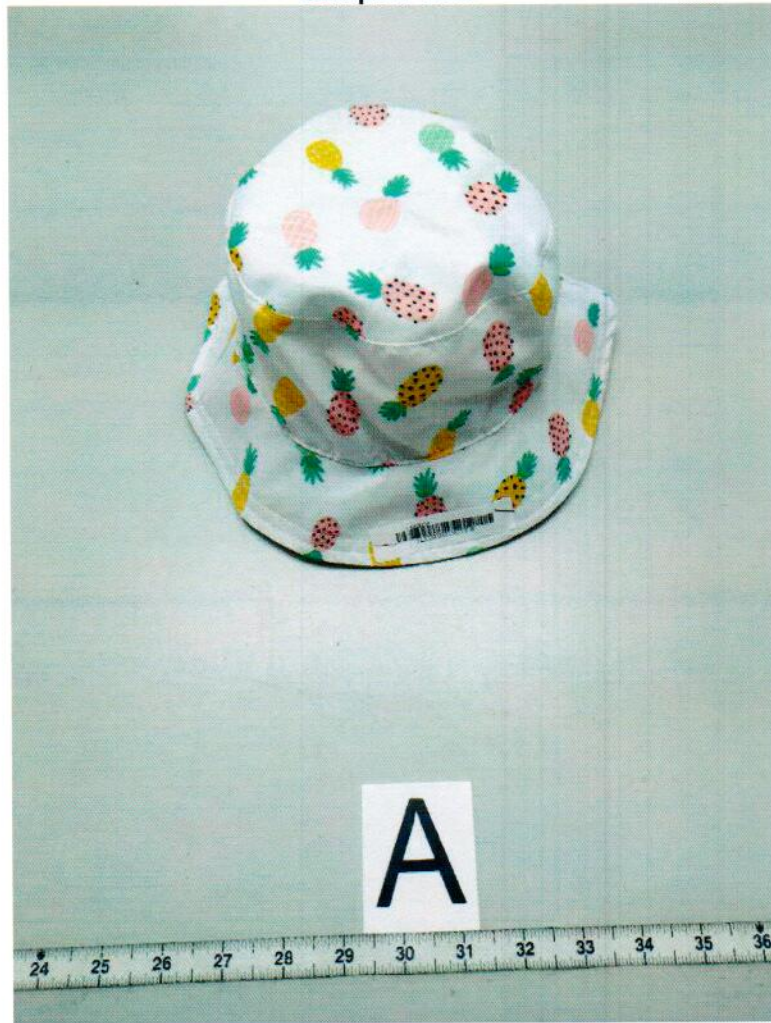
- i) At points where the fabric is in close contact with the skin such as across the shoulders
- ii) If the fabric is stretched
- iii) If the fabric is wet; and
- iv) With time due to effects of normal wear.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN_Docscheck@sgs.com
 1/F, Building 2, No.9, Yongfeng Road, Qinhua District, Nanjing, China 210014 t (86-25) 84556406 f (86-25) 84553467 www.sgsgroup.com.cn
 中国·南京·秦淮区永丰大道9号2幢1层 邮编: 210014 t (86-25) 84556406 f (86-25) 84553467 e sgs.china@sgs.com

Sample Photo



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



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
1/F, Building 2, No. 9, Yongfeng Road, Qinhuai District, Nanjing, China 210014 t (86-25) 84556406 f (86-25) 84553467 www.sgsgroup.com.cn
中国·南京·秦淮区永丰大道9号2幢1层 邮编: 210014 t (86-25) 84556406 f (86-25) 84553467 e sgs.china@sgs.com