

TEST REPORT

Number : SHAT06323123

Applicant : GUSTAV MÜLLER GMBH & CO KG
RUDOLF-DIESEL-STR. 27
78532 TUTTLINGEN, GERMANY

Date : Nov 23, 2019

Sample Description As Declared :

No. Of Sample : Three (3)
Fibre Content : 100% Cotton
Material : Woven
Finishing : -
End Uses : Men's Hat
Colour : (A) Olive (B) Navy (C) Beige
Style No. : 169275
Order No./PO No. : 1665
Buyer's Name : GUSTAV MULLER GMBH & CO.KG
Manufacturer's Name : -
Ref. : -

Applicant's Provided Care Instruction/Label :

-

Date Received/Date Test Started : NOV 21, 2019

Conclusion:

Textiles - Solar UV Protective Properties	(A) M	(B) M	(C) F
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Note : C = Conform Label
M = Meet Applicant's Requirement
F = Fail To Meet Applicant's Requirement
= No Comment

M* = Commercially Acceptable
F* = Fail
N/A = Not Applicable

Prepared And Checked By:
For Intertek Testing Services Ltd., Shanghai



Jennifer Ren
General Manager

Intertek Testing Services Ltd., Shanghai

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Attention is drawn to the terms and conditions printed overleaf

TEST REPORT

Number : SHAT06323123

Tests Conducted (As Requested By The Applicant)

- 1 Textiles – Solar UV Protective Properties, Method of Test for Apparel Fabrics As Received (BS EN 13758-1:2002+A1:2006):

Solar Spectrum Irradiance Used: Noonday, July 3, Sunlight, Albuquerque
No. Of Scans: 8

The Samples Are Tested In Dry And Relaxation State.

Temperature: 20±2°C

Relative Humidity: 65±2%

	(A)	<u>Applicant's Requirement</u>
The Ultraviolet Protection Factor, UPF:	146.21	
The Mean UVA Transmittance (315-400 nm):	0.69%	
The Mean UVB Transmittance (290-315 nm):	0.67%	
Standard Deviation Of UPF:	19.35	
Standard Deviation Of UVA:	0.08%	
Standard Deviation Of UVB:	0.09%	
The UPF Of The Sample:	UPF > 50	40 ⁺

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Tests Conducted (As Requested By The Applicant)

Textiles – Solar UV Protective Properties, Method of Test for Apparel Fabrics As Received (CONT'D)

	(B)	<u>Applicant's Requirement</u>
The Ultraviolet Protection Factor, UPF:	299.89	
The Mean UVA Transmittance (315-400 nm):	0.47%	
The Mean UVB Transmittance (290-315 nm):	0.31%	
Standard Deviation Of UPF:	47.31	
Standard Deviation Of UVA:	0.06%	
Standard Deviation Of UVB:	0.05%	
The UPF Of The Sample:	UPF > 50	40 ⁺

TEST REPORT

Number : SHAT06323123

Tests Conducted (As Requested By The Applicant)

Textiles – Solar UV Protective Properties, Method of Test for Apparel Fabrics As Received (CONT'D)

	(C)	<u>Applicant's Requirement</u>
The Ultraviolet Protection Factor, UPF:	20.54	
The Mean UVA Transmittance (315-400 nm):	5.99%	
The Mean UVB Transmittance (290-315 nm):	4.49%	
Standard Deviation Of UPF:	0.96	
Standard Deviation Of UVA:	0.24%	
Standard Deviation Of UVB:	0.21%	
The UPF Of The Sample:	19	40 ⁺

End of Report

Remark: This statement of conformity is only based on the actual measured test result by the laboratory, without taking the influence of uncertainty into account.

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TEST REPORT

Number : SHAT06347922

Applicant : GUSTAV MÜLLER GMBH & CO KG
RUDOLF-DIESEL-STR. 27
78532 TUTTLINGEN, GERMANY

Date : Dec 10, 2019

Sample Description As Declared :

No. Of Sample : One (1)
Fibre Content : 100% Cotton
Material : Woven
Finishing : -
End Uses : Men's Hat
Colour : Beige
Style No. : 169275
Order No./PO No. : 1665
Buyer's Name : GUSTAV MULLER GMBH & CO.KG
Manufacturer's Name : -
Ref. : Retest From SHAT06323123

Applicant's Provided Care Instruction/Label :

-

Date Received/Date Test Started : DEC 09, 2019

Conclusion:

Textiles - Solar UV Protective Properties

M

Note : M = Meet Buyer's Requirement
= No Specified Requirement
N/A = Not Applicable

F = Below Buyer's Requirement
* = No Submitted Information

Prepared And Checked By:
For Intertek Testing Services Ltd., Shanghai



Jennifer Ren
General Manager

TEST REPORT

Number : SHAT06347922

Tests Conducted (As Requested By The Applicant)

- 1 Textiles – Solar UV Protective Properties, Method of Test for Apparel Fabrics As Received (BS EN 13758-1:2002+A1:2006):

Solar Spectrum Irradiance Used: Noonday, July 3, Sunlight, Albuquerque
No. Of Scans: 8

The Samples Are Tested In Dry And Relaxation State.

Temperature: 20±2°C

Relative Humidity: 65±2%

Applicant's Requirement

The Ultraviolet Protection Factor, UPF:	172.67	
The Mean UVA Transmittance (315-400 nm):	1.21 %	
The Mean UVB Transmittance (290-315 nm):	0.52 %	
Standard Deviation Of UPF:	17.53	
Standard Deviation Of UVA:	0.08 %	
Standard Deviation Of UVB:	0.06 %	
The UPF Of The Sample:	UPF>50	40 ⁺

End of Report

Remark: This statement of conformity is only based on the actual measured test result by the laboratory, without taking the influence of uncertainty into account.

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