





**BUREAU
VERITAS**

MODINT TEST REPORT

**TO : GUSTAV MULLER KG
RUDOLF-DIESEL-STRASSE 27
TUTTLINGEN, 78532,
GERMANY**

LAB NO.: (9325)310-1143
FORM NO.: /
DATE IN: Nov 06, 2025
DATE OUT: Nov 14, 2025
NO. OF WORKING DAYS: 6
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ATTN : ANDREAS KAUFMANN

OVERALL RATING

PASS
FAIL
DATA

X

Vendor:	GUSTAV MULLER GMBH & CO. KG	Agent:	/
Fabric Supplier/Mill:	/	Factory/Manufacturer:	GUSTAV MULLER GMBH & CO. KG
P.O. No.:	/	Style No.:	668982: 1123+1757
Sample Description:	HAT SAMPLE	Style Description:	/
Color:	A: CAMEL, B: BEIGE	Country of Origin:	/
Claimed Fabric Weight:	/	Claimed Fabric Count:	/
Yarn Size:	/	Submitted Size:	/
Size Range:	/	FPU No.:	/
GPU No.:	/	End Use:	/
SKU:	/	Age Group:	/

Product Category	HAT
Test Requested	SEE TEST PROPERTY
Previous Report No.	/

Submitted Fiber Content	/
Actual Fiber Content	/
Suggested Fiber Content	/
Submitted Care Instruction(s)	/
Client Expected Care Instruction	/
Suggested Care Instruction(s)	/



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TEST PROPERTY	PASS	FAIL	DATA	COMMENTS
UV PROTECTIVE PROPERTIES IN TEXTILE FABRICS			X	SEE RESULT

**TECHNICAL
QUESTIONS** (86)20-22902088
bvpcs_pyinfo@cn.bureauveritas.com

**GENERAL
INFORMATION** (86)20-22902088
bvpcs_pyinfo@cn.bureauveritas.com

SIGNATURES Bureau Veritas Consumer Products Services
(Guangzhou) Co., Ltd

Quan Peng
Operation Manager



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<u>TEST PROPERTY</u>	<u>TEST RESULTS</u>			<u>REQUIREMENTS</u>
Transmission				
Mean UVB (290-315nm) Transmission	-	%	-	5.47
Conclusion	-	-	-	Data

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.



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TEST PROPERTY

TEST RESULTS

REQUIREMENTS

UV PROTECTIVE PROPERTIES IN TEXTILE FABRICS (AS/ NZS 4399)

Method : AS/ NZS 4399

Test Item(s) : A1 Dark khaki body
 A2 Dark khaki middle part
 B1 khaki body
 B2 khaki middle part

Parameter	CAS No.	Unit	MDL	Result			Limit
				A1	A2	B1	
Mean UPF	-	-	-	1438.42	20.57	1178.05	-
Standard Deviation	-	-	-	789.23	7.69	882.60	-
Standard error	-	-	-	976.28	9.52	1091.77	-
UPF Rating	-	-	-	50+	<15	50+	-
Protection Classification	-	-	-	Excellent	CANNOT CLASSIFIED AS UV PROTECTIVE	Excellent	-
Mean UVA(315-400nm) Transmission	-	%	-	0.12	6.27	0.19	-
Mean UVB (290-315nm) Transmission	-	%	-	0.13	5.45	0.17	-
Conclusion	-	-	-	Data	Data	Data	-

Parameter	CAS No.	Unit	MDL	Result	Limit
				B2	
Mean UPF	-	-	-	30.09	-
Standard Deviation	-	-	-	27.42	-
Standard error	-	-	-	33.92	-
UPF Rating	-	-	-	<15	-
Protection Classification	-	-	-	CANNOT CLASSIFIED AS UV PROTECTIVE	-
Mean UVA(315-400nm)	-	%	-	7.53	-

C/N