



**BUREAU  
VERITAS**

# MODINT TEST REPORT

Technical Report: (9325)310-1027

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November 12, 2025



Report Number  
(9325)310-1027

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# MODINT TEST REPORT

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

**LAB NO.:** (9325)310-1027  
**FORM NO.:** /  
**DATE IN:** Nov 06, 2025  
**DATE OUT:** Nov 12, 2025  
**NO. OF WORKING DAYS:** 5  
**PAGE 2 OF 5**

**ATTN : ANDREAS KAUFMANN**

<b>OVERALL RATING</b>	
<b>PASS</b>	_____
<b>FAIL</b>	_____
<b>DATA</b>	_____ <b>X</b> _____

<b>Vendor:</b>	/	<b>Agent:</b>	/
<b>Fabric Supplier/Mill:</b>	/	<b>Factory/Manufacturer:</b>	/
<b>P.O. No.:</b>	/	<b>Style No.:</b>	258049: 1331+1686, 258809: 1178+1327+168 4, 258118: 1177+1332, 168013: 1180+1322+148 9+1528
<b>Sample Description:</b>	HAT	<b>Style Description:</b>	/
<b>Color:</b>	A: BEIGE, B: DARK NAVY, C: OLIVE, D: LIGHT BLUE, E: WHITE, F: MINT, G: DARK RED	<b>Country of Origin:</b>	/
<b>Claimed Fabric Weight:</b>	/	<b>Claimed Fabric Count:</b>	/
<b>Yarn Size:</b>	/	<b>Submitted Size:</b>	/
<b>Size Range:</b>	/	<b>FPU No.:</b>	/
<b>GPU No.:</b>	/	<b>End Use:</b>	/
<b>SKU:</b>	/	<b>Age Group:</b>	/

<b>Product Category</b>	ACCESSORY
<b>Test Requested</b>	SEE TEST PROPERTY
<b>Previous Report No.</b>	/

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



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

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**GENERAL INFORMATION** (86)20-22902088  
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**SIGNATURES** Bureau Veritas Consumer Products Services  
(Guangzhou) Co., Ltd

Quan Peng  
Operation Manager



**TEST RESULTS**

**TEST PROPERTY**

**REQUIREMENTS**

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

Method : AS/ NZS 4399

Test Item(s) : A Khaki fabric (body)  
 B1 Black fabric and white fabric (body)  
 B2 Black fabric (visor)  
 C1 Olive fabric and white fabric (body)  
 C2 Olive fabric (visor)  
 D Blue fabric (body)  
 E White fabric (body)  
 F Light blue fabric (body)  
 G Red fabric (body)

Parameter	CAS No.	Unit	MDL	Result			Limit
				A	B1	B2	
Mean UPF	-	-	-	693.17	2000	2000	-
Standard Deviation	-	-	-	67.38	0	0	-
Standard error	-	-	-	83.34	0	0	-
UPF Rating	-	-	-	50+	50+	50+	-
Protection Classification	-	-	-	Excellent	Excellent	Excellent	-
Mean UVA(315-400nm) Transmission	-	%	-	1.51	0.05	0.05	-
Mean UVB (290-315nm) Transmission	-	%	-	0.06	0.05	0.05	-
Conclusion	-	-	-	Data	Data	Data	-

Parameter	CAS No.	Unit	MDL	Result			Limit
				C1	C2	D	
Mean UPF	-	-	-	1964.77	2000	320.50	-
Standard Deviation	-	-	-	11.14	0	17.25	-
Standard error	-	-	-	13.78	0	21.34	-
UPF Rating	-	-	-	50+	50+	50+	-
Protection Classification	-	-	-	Excellent	Excellent	Excellent	-
Mean UVA(315-	-	%	-	0.07	0.05	3.04	-



**TEST RESULTS**

**TEST PROPERTY**

**REQUIREMENTS**

400nm) Transmission							
Mean UVB (290- 315nm) Transmission	-	%	-	0.05	0.05	0.06	-
Conclusion	-	-	-	Data	Data	Data	-

Parameter	CAS No.	Unit	MDL	Result			Limit
				E	F	G	
Mean UPF	-	-	-	1911. 13	221.5 6	766.3 1	-
Standard Deviation	-	-	-	25.11	8.86	68.04	-
Standard error	-	-	-	31.05	10.96	84.16	-
UPF Rating	-	-	-	50+	50+	50+	-
Protection Classification	-	-	-	Excel lent	Excel lent	Excel lent	-
Mean UVA(315- 400nm) Transmission	-	%	-	0.10	5.06	0.33	-
Mean UVB (290- 315nm) Transmission	-	%	-	0.05	0.09	0.09	-
Conclusion	-	-	-	Data	Data	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.