

## TEST REPORT

<b>Report Ref.</b>	LEI20030351A Original		
<b>Date Received</b>	04/03/2020	<b>Date Issued</b>	05/03/2020

<b>Company Name &amp; Address</b>	Gustav Müller GmbH & Co. KG Rudolf-Diesel-Str. 27 Tuttlingen, 78532 DEU
<b>Contact Name</b>	Mr Kaufmann

<b>Sample Description</b>	Karierte Gatsby - Mutze
<b>Ref / Style Number</b>	175748
<b>Colour</b>	Schwarz, WieB
<b>Quality</b>	95% Polyester 5% Spandex
<b>Quoted Fibre Composition</b>	95% Polyester 5% Spandex
<b>No OF Samples</b>	6
<b>Retailer</b>	General

Test	Method	Sample	Result
Solar UV Protective Properties	AS/NZS 4399: 1996	BLACK	See Results
Solar UV Protective Properties	AS/NZS 4399: 1996	WHITE	See Results

Tests marked (^) in this report have been performed by an approved 3rd party laboratory.  
Tests marked (\*) in this report are not included in our UKAS scope of accreditation.



Heather Fletcher  
(Jobsheet Technician)

**Solar UV Protective Properties AS/NZS 4399: 1996**  
**Conditioning Parameters: 20°C±2°C & 65% rH±4% rH**  
**Sample: BLACK**

	Result	Requirement
Number of specimens	4	
Mean UPF	.354.3	
UPF Standard Deviation	0.0	
Rated UPF*	354.3	
Mean UVA (315 to 400nm)	0.4 %	
Mean UVB (290 to 315nm)	0.3 %	
Test conducted in a dry unstretched state.		
Solar spectrum used in the UPF-290nm to 400nm		

Overall Test Result: See Results  
Uncertainty: ±6%

**Solar UV Protective Properties AS/NZS 4399: 1996**  
**Conditioning Parameters: 20°C±2°C & 65% rH±4% rH**  
**Sample: WHITE**

	Result	Requirement
Number of specimens	4	
Mean UPF	90.3	
UPF Standard Deviation	0.0	
Rated UPF*	90.3	
Mean UVA (315 to 400nm)	4.7 %	
Mean UVB (290 to 315nm)	0.9 %	
Test conducted in a dry unstretched state.		
Solar spectrum used in the UPF-290nm to 400nm		

Overall Test Result: See Results  
Uncertainty: ±6%

*This report is made solely on the basis of your instructions and/or information and materials supplied by you. It is not intended to be a recommendation for any particular course of action. Intertek does not accept a duty of care or any other responsibility to any person other than the Client in respect of this report and only accepts liability to the Client insofar as is expressly contained in the terms and conditions governing Intertek's provision of services to you. Intertek makes no warranties or representations either express or implied with respect to this report save as provided for in those terms and conditions. We have aimed to conduct the Review on a diligent and careful basis and we do not accept any liability to you for any loss arising out of or in connection with this report, in contract, tort, by statute or otherwise, except in the event of our gross negligence or willful misconduct.*

*The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor of k = 2, providing a level of confidence of approximately 95 %. Any Pass/Fail statements do not take into account the Measurement of Uncertainty. The Uncertainty budgets are stated for each Test method, these are for reference, and should be considered when results are close to Specification Limits / Requirements.*