



Chieftainfabrics t/a Trimproof Ltd.
Wellington Place
C15 W248 Trim
Irland

Burgdorf, 21.02.2019

Test order No. 2019-0215

Date of order: 11.02.2019
Responsible:
Pages: 5

Methoden:

ISO 22196 Quantitative analysis for determination of the bacteriostatic activity; film 35x35mm; inoculum 120ul:
SAN BIO-12/94 Qualitative test for determination of the antimycotic effectiveness:

SANITIZED AG

A handwritten signature in blue ink, appearing to read "E. Rohrbach".

Erich Rohrbach
Head Microbiology

The findings are valid for the tested object(s) only. Filing record of report and documentation is 10 years.

Results

Description of sample

Sample number: **2019-0215-01** Received: 11.02.2019
 Business: POLYMER Type: QC
 Identification: PVC based on PES/cotton knitted fabric
 Main Component: PVC (front)
 Minor Component: PES / CO
 Appearance: -
 Field of Application: Vinyl fabric
 Sanitized Products: -
 Declared quantity: -

Remark: Production sample: tested side = front side

Test results of the SANITIZED-laboratory

Qualitative test for determination of the antimycotic effectiveness:				
Method	Test point	Growth	Halo in mm	Evaluation
SAN BIO-12/94	Penicillium funiculosum ATCC 36839	Full	-	Insufficient effect
Quantitative analysis for determination of the bacteriostatic activity:				
Method	Test point	Activity	Reduction in %	Evaluation
ISO 22196	Escherichia coli ATCC 8739	0.40	60.19	Insufficient effect
ISO 22196	Staphylococcus aureus (MRSA) ATCC 33592	3.10	99.92	Good effect

Results

Description of sample

Sample number:	2019-0215-02	Received:	11.02.2019
Business:	POLYMER	Type:	QC
Identification:	PVC based on PES/cotton knitted fabric		
Main Component:	PVC (front)		
Minor Component:	PES / CO		
Appearance:	-		
Field of Application:	Vinyl fabric		
Sanitized Products:	Sanitized® PL 14-32		
Declared quantity:	0.55%		

Remark: Production sample: tested side = front side

Test results of the SANITIZED-laboratory

Qualitative test for determination of the antimycotic effectiveness:				
Method	Test point	Growth	Halo in mm	Evaluation
SAN BIO-12/94	Penicillium funiculosum ATCC 36839	None	0 mm	Good effect

Quantitative analysis for determination of the bacteriostatic activity:				
Method	Test point	Activity	Reduction in %	Evaluation
ISO 22196	Escherichia coli ATCC 8739	1.50	96.84	Good effect
ISO 22196	Staphylococcus aureus (MRSA) ATCC 33592	2.10	99.21	Good effect

Results

Description of sample

Sample number:	2019-0215-03	Received:	11.02.2019
Business:	POLYMER	Type:	QC
Identification:	PVC based on PES/cotton knitted fabric		
Main Component:	PVC (front)		
Minor Component:	PES / CO		
Appearance:	-		
Field of Application:	Vinyl fabric		
Sanitized Products:	Sanitized® PL 14-32		
Declared quantity:	0.65%		

Remark: Production sample: tested side = front side

Test results of the SANITIZED-laboratory

Qualitative test for determination of the antimycotic effectiveness:				
Method	Test point	Growth	Halo in mm	Evaluation
SAN BIO-12/94	Penicillium funiculosum ATCC 36839	None	0 mm	Good effect
Quantitative analysis for determination of the bacteriostatic activity:				
Method	Test point	Activity	Reduction in %	Evaluation
ISO 22196	Escherichia coli ATCC 8739	1.60	97.49	Good effect
ISO 22196	Staphylococcus aureus (MRSA) ATCC 33592	2.60	99.75	Good effect

Results

Description of sample

Sample number:	2019-0215-04	Received:	11.02.2019
Business:	POLYMER	Type:	QC
Identification:	PVC based on PES/cotton knitted fabric		
Main Component:	PVC (front)		
Minor Component:	PES / CO		
Appearance:	-		
Field of Application:	Vinyl fabric		
Sanitized Products:	Sanitized® PL 14-32		
Declared quantity:	0.80%		

Remark: Production sample: tested side = front side

Test results of the SANITIZED-laboratory

Qualitative test for determination of the antimycotic effectiveness:				
Method	Test point	Growth	Halo in mm	Evaluation
SAN BIO-12/94	Penicillium funiculosum ATCC 36839	None	0 mm	Good effect

Quantitative analysis for determination of the bacteriostatic activity:				
Method	Test point	Activity	Reduction in %	Evaluation
ISO 22196	Escherichia coli ATCC 8739	1.50	96.84	Good effect
ISO 22196	Staphylococcus aureus (MRSA) ATCC 33592	2.30	99.50	Good effect