



FITT S.p.A.
Via Piave, 8
36066 Sandrigo VI –
Italy

Burgdorf, 09.05.2016

Test order No. 2016-0374

Determination of the antimicrobial activity

Date of order: 06.04.2016

Responsible:

Pages: 2

Method(s):

EN ISO 846 Section A
ISO 22196

Determination of mold resistance:
Quantitative analysis for determination of the
bacteriostatic activity; film 35x35mm; inoculum 120ul:
Quantitative analysis for determination of the
bacteriostatic activity; film 35x35mm; inoculum 120ul:

ISO 22196:2011

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: **2016-0374-01** Received: 06.04.2016
 Business: POLYMER Type: Quality control
 Identification: Sample 1
 Main Component: 75% HDPE (external layer)
 Minor Component: 24.5% HDPE (internal layer)
 Appearance: Corrugated pipe / white
 Field of Application: Pipe for ventilation
 Sanitized Products: Sanitized® BC 98-56
 Declared quantity: 2%
 Finishing Process(es): Masterbatch

Remark: Production sample

Test results of the SANITIZED-laboratory

Quantitative analysis for determination of the bacteriostatic activity:				
Method	Test point	Activity	Reduction in %	Evaluation
ISO 22196:2011	Staphylococcus aureus (MRSA) ATCC 33592	>4,60	>99,99	Good effect
ISO 22196	Pseudomonas aeruginosa ATCC 15442	>5,20	>99,99	Good effect
Determination of mold resistance:				
Method	Test point	Growth rate	Surface area	Evaluation
EN ISO 846 Section A	Growth rate 0 to 5 after 4 weeks of incubation	1	Microscopic	Good mold resistance
Quantitative analysis for determination of the bacteriostatic activity:				
Method	Test point	Activity	Reduction in %	Evaluation
ISO 22196:2011	Legionella pneumophila ATCC 33152	>4,10	>99,99	Good effect