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:
ISO 22196:2011	Quantitative analysis for determination of the bacteriostatic activity; film 35x35mm; inoculum 120ul:

SANITIZED AG

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