

Devan Report Reference : 12468

Date : 14/09/2018

Customer Project Number : AEM3393

Company submitting the project:	Zorlu Tekstil, Turkey, Mark Chamley
Devan Distributor:	Sardes, Turkey, Mark Chamley
Finishing Mill:	Zorlu Tekstil, Turkey, Mark Chamley
Trader:	Not known
Brand:	Not known
Retailer:	Not known
Summary :	Substrate was treated for antimicrobial properties Zorlu / AEM3393



Devan Report Reference : 12468

Date : 14/09/2018

Customer Project Number : AEM3393

Antimicrobial Test Results

Zorlu / AEM3393	Microbiological Analysis Bacterial [1] (% reduction)		Blue Test [2]	Pass/Fail [3]
	1 hr	24hrs	% Extraction	
Treated 1 - BP FR	-	82,41	0,0	PASS
Treated 2 - PES Screen	99,52	-	96,2	PASS

Conclusions:

The samples treated with **BI-OME®** show significant bacterial reduction. These samples pass the **BI-OME®** quality control standards and criteria.

This project has been approved by :

Devan Lab
Devan Chemicals

[1] ASTM E2149-13 "Dynamic Shake Flask": 1g sample, 50ml 0.3 mM KH₂PO₄, 1 x 10⁵ E.coli/ml, 0.01% Q2-5211 Wetting Agent

[2] Blue Test: BPB Extraction: 1.0 g sample weight, 0.001% BPB dH₂O solution, 20 minutes exposure, 595 nm Absorbance, 0.01% Q2-5211 Wetting Agent

[3] Pass/Fail: Based on the BI-OME® Quality Assurance Standards



The information contained in this test report is the result of our research and experience. It is given in good faith, but under no circumstances does it constitute a guarantee on our part, nor does it hold us responsible, particularly in the case of legal action by a third party.

© Devan Chemicals 2017