

Test Report

CONFIRMATION

Biocidal Regulation (EU) 528/2012 (BPR)

Dear Partner,

We are pleased to confirm that the active biocidal ingredient "reaction mass of titanium dioxide and silver chloride" contained in **UC-BA GL**

supplied by Rexasitt is at present in the review programme for existing active substances of **Biocidal Regulation (EU) 528/2012 (BPR)**.

Therefore, it is at present in compliance with the **BPR** for "Product type 09: Fibre, leather, rubber and polymerised materials preservatives"

Therefore, articles treated with the above mentioned product can be legally placed on the market in the EU, considering the requirements for treated articles under **BPR**.

Additionally, we are pleased to confirm that **UC-BA GL** currently supplied by Rexasitt does not contain nanoparticles (< **100 nm**).

Please do not hesitate to contact us for any question that may arise.

The test strain *Staphylococcus aureus* belongs to the group of the Gram-positive bacteria.

Textiles are able to store humidity and heat and they offer a very large surface, that – beside others – can catch soil particles. Thus they offer an ideal biosphere for bacteria and support their growth.

If necessary, **UC-BA GL** sets free silver ions with antimicrobial effect. Due to the triple mechanism, that is typical for silver, **UC-BA GL** prevents bacterial growth and their colonization on the textile surface.

Kind regards

Daniele Gollinucci

Test Report **AWE-19-1792** 04.06.19 LKa/FR

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Reference email May 30. 2019

Material woven fabric, PP flam retard , light brown,
coupled with a membrane of PU flam retard
treated with 100 g/l **UC-AC GL** (dried at 100 °C)

Subject assessment of the antibacterial effect

Tests and Results

Lab N°: LKa 115	<p>Antibacterial Activity</p> <p>Test method: AATCC 100:2012 Bacteria contact: 37 °C/20 h</p> <p>Reduction of Bacteria</p> <p>Test strains: Staphylococcus aureus (ATCC 6538) Klebsiella pneumoniae (ATCC 4352)</p>	
<p>number for external testing BTS: 12452</p> <p>woven fabric, PP flam retard, coupled with PU membrane flame retard antibacterial finish with 100 g/l UC-BA GL</p>	99.99 %	99.81 %
lab control of the activity of the used bacteria:	no reduction of bacteria, but increase of titre	no reduction of bacteria, but increase of titre