

SENATOR® ANTIBAC® RANGE



CONFIRMATION OF ANTIBACTERIAL EFFECT ACCORDING TO ISO 22196

We herewith confirm that the material we use for the production of all senator® Antibac® writing instruments (Senator Standard ABS plastic equipped with an antimicrobial additive) achieves a strong antibacterial effect with over 99.9% reduction of bacteria within 24 hours in tests according to ISO 22196.

The test according to ISO 22196 was carried out by IMSL Ltd. on 03.06.2020 using the two known bacterial strains E. Coli and S. Aureus. For both strains a so-called LOG3 reduction was achieved, i.e. more than 99.9% reduced bacteria, whereas the control samples without active substance showed only a slight reduction or even bacterial growth.

We were thus able to prove the effect of the additive mentioned by the supplier (Albis, Hamburg) even when used with our plastic.

Background information:

The additive used is based on Biomaster's silver ion technology, which is known for its antimicrobial effect. Due to the proven antibacterial function in our plastic it can be assumed that other microorganisms such as some fungi or viruses are also affected.

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