



Driven by expertise

SUKANO® Masterbatches now tested and confirmed effective against SARS-Cov-2

For more information,
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- *The antimicrobial effect was tested by an external laboratory specialized in microbiological tests against SARS-Cov-2 according to ISO 18184:2019 (fabrics)*
- *Results showed the inactivation of the SARS-Cov-2 virus by up to 99.98% on the items surfaces*
- *Tested on PET, PA, PP and PLA applications*
- *Sukano's Masterbatch uses proprietary technology, registered as preservative¹*

Schindellegi, Switzerland, February 11, 2020 — The ongoing COVID-19 pandemic has helped raise awareness about the importance of hygiene and health all over the world. The demand for surfaces that inhibit the growth of microorganisms has increased - be it in packaging, textiles, industrial or institutional applications.

SUKANO® high performance Antimicrobial Masterbatch is designed to do exactly this: trap and inhibit the replication of microorganisms on an items surface. This makes our product key for environments that require with highest hygiene and sanitary standards, such as the institutional, hospitality, sports and events industries.

Sukano conducted further tests after the last year's results confirmed the effectiveness of the masterbatch against Feline Coronavirus and Influenza H1N1. The company has now run extensive tests against SARS-Cov-2 in an external laboratory specialized in microbiological testing. The results confirmed the excellent effectiveness of the masterbatches - within the first 30 minutes an achievement of up to 99.9 % reduction on an fabrics items's surface and a reduction up to 99.98 % within 2 hours.

“We extended the tests beyond PET and PA to PP and PLA, and also tested specifically against SARS-Cov-2 according to ISO standards” states Michael Kirch, Global Head of R&D for Sukano. “These tests confirm the same robust and efficient results. We are delighted with the outcome of the tests and have now confirmation on the deactivation of the microorganisms on fabric surfaces by a certified and specialized external laboratory, giving our customers additional trust and confidence to use our high performance additive masterbatch in their applications.”

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1 Disclaimer: Active ingredient is registered at the US Environmental Protection Agency (EPA). Antimicrobial properties are built in to protect the product. The product does not protect the users or others against pathogens. Always clean the product thoroughly after each use.

This Press Release is intended for the US audience only, for the EU press release please visit our website.



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Washable, reusable and recyclable

Sukano's Antimicrobial Masterbatches work by directly integrating an antimicrobial additive into the polymer, using proprietary formulation and technology, eliminating the need for secondary processing steps. This helps the environment by reducing waste and energy, saving natural resources.

At Sukano all products are designed for recycling. Our SUKANO® Antimicrobial Masterbatch allows the final product to remain fully recyclable without a loss in performance, contributing to the common goal of a circular economy.

The Antimicrobial Masterbatch is extremely efficient and this powerful technology remains present and effective throughout the life of the product. The antibacterial efficacy was tested and remained after up to 200 washing cycles at 40° C. All this is possible without impacting the fibers' physical properties or yellowing.

Registered preservative

The active ingredient used in Sukano's Antimicrobial Masterbatches is a registered preservative in the EU, Switzerland and USA. However, to claim antimicrobial effect and promote this in the final product, producers using Sukano's Antimicrobial Masterbatches must test the final product, have the results confirmed by a specialized external laboratory, and must comply with local legal regulations.

About Sukano

Sukano is a global specialist in the development and production of additive and colour masterbatches and compounds for polyester and specialty resins. The company is driven by expertise – Sukano focuses its technical knowledge on developing innovative products and services for oil and bio-based polymers that can be used for applications such as thin and thick films, bottles and containers, fibers, filaments, and sheets.

Founded in 1988, Sukano developed the state-of-the-art, market reference slip/antiblock additive masterbatch for PET film and sheet applications. Headquartered in Switzerland, it is a family-owned business with a global distribution network and three production facilities strategically located in Europe, the Americas and Asia

Providing unparalleled service, knowhow, and quality to its customers worldwide, Sukano is the global partner of choice for plastic converters and brand owners to develop their innovative products and highly specialized solutions.

For more information, visit www.sukano.com

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