



SENSIL®

B O D Y F R E S H

Sensil® BodyFresh premium Nylon 6.6 offers effective antibacterial protection with proven antiviral properties. With the latest technology permanently embedded in its core, the benefits last for the product's whole lifetime and are not released during laundering. Experience the performance of this double-effect smart fiber that offers a great balance of protection and well-being for people and planet.

APPLICATIONS

INTIMATE APPAREL
READY-TO-WEAR
ACTIVEWEAR
LEGWEAR
SPORTSWEAR
OUTDOOR APPAREL
TAILOR-MADE PRODUCTS

YARNS

FULL-DULL: 44/34/1-2, 78/68/1-2
SEMI-DULL: 22/10/1, 40/40/1-2,
44/34/1-2, 78/68/1-2

TECHNOLOGY

Sensil BodyFresh is designed with a special additive embedded in the microfiber yarn. The yarn **prevents the growth of bacteria and reduces viral activity (Betacoronavirus 1)**, resulting in a fabric with long-lasting properties that don't wash out and don't pollute water. The product delivers **permanent** odor protection with a system that **eliminates** the proliferation of bacteria. Sensil BodyFresh is engineered with ingredients that guarantee a perfect white color and avoid yellowing.

BENEFITS

Stops the proliferation of bacteria. Contains an antiviral agent that significantly reduces viral infectivity*.

- Antibacterial and antiviral
- Anti-odor
- Long Lasting
- UV Protection
- Toxin-free

CERTIFICATION

Certified by renowned independent labs, BodyFresh has been proven to provide antibacterial activity on dyed yarns and is not harmful to human health according to the Oeko-Tex Standard 100 certification. In addition, external labs have documented good antiviral protection against Betacoronavirus 1 (OC43).* The active smart agent embedded in the yarn is **EU BPR, EU REACH, EPA** approved.

EFFECTIVENESS

Effective against gram+ and gram- bacteria, with tests performed with Staphylococcus aureus and Klebsiella Pneumoniae.

Effective against Betacoronavirus 1 (OC43) showing reduction of activity by 99,85% according to ISO 18184:2019 for textiles. The product also shows effectiveness on both enveloped and non-enveloped viruses, like H1N1.

TOTAL PRODUCT SUSTAINABILITY

This product is developed under the NILIT TPS criteria:

- New cogeneration power plant
- 40% reduction of CO2
- 100% reduction of emissions of toxic gases
- Zero waste management
- Water conservation and purification systems

* Antiviral at origin. Final fabrics and garments are subject to local legal regulations to comply with specific certification criteria. NILIT does not claim anti-viral attributes on the fabric and the finished garment. Call your representative at NILIT for support as needed.