



# SENSIL®

E C O C A R E

## SUSTAINABLE IS THE NEW BEAUTIFUL

Sensil® EcoCare recycled Nylon 6.6 is made with **pre-consumer waste**, reducing impact on the environment and providing fine denier, high-quality **fabrics that last and last**.

Production of Sensil® EcoCare recycled yarns uses a highly efficient recycling process that significantly **reduces CO<sub>2</sub>** and energy and water consumption. Fabrics and garments of Sensil® EcoCare are as comfortable, soft, and resilient as they are **eco-friendly**—perfect for activewear, intimates, underwear, base layer, hosiery, socks, jeanswear, and ready-to-wear.

Sensil® EcoCare yarns, including new Sensil® EcoCare Breeze with a **cooling effect** and other sustainable performance products, are available globally.

# SUSTAINABLE SENSIL® ECOCARE

## YARNS

Sensil® EcoCare comes in a wide variety of yarns for topweight wovens, bottomweight wovens, warp knits, circular knits, seamless, hosiery. These sustainable yarns have excellent dye uptake and natural touch. Plus, Sensil® EcoCare Breeze offers a special cooling effect with a dry, silky hand.

### Sensil® EcoCare

44/34/1 and 44/34/2 FD Textured

78/68/1, 78/68/2 FD Textured

22/10/1 SD Textured

44/34/1, 44/34/2 SD Textured

78/68/1, 78/68/2 SD Textured

22/10 SD Flat

### Sensil® EcoCare Breeze

44/34/1, 44/34/2 BZ Textured

78/68/1, 78/68/2 BZ Textured

## TECHNOLOGY

High-quality recycled Nylon granules beautifully retain the yarn properties of virgin fibers. The production process minimizes waste, reduces energy consumption, and conserves valuable natural resources.

## NYLON 6.6 RECYCLING PROCESS



## BENEFITS

Mills that use Sensil® EcoCare yarns provide their brand and retail partners with unique, environmentally responsible products that meet the sustainability and style needs of today's young consumers. From the softest supermicro warp knits to the most complex engineered seamless compression garments, Sensil® EcoCare premium Nylon 6.6 offers a breadth of selection and global availability unmatched in the market today.

Consumers who invest in clothing made of Sensil® premium fabrics are making a sustainable, intelligent choice. These garments stay new-looking, last longer, and are less likely to end up in landfills.

## ENERGY AND WATER SAVINGS

- > Up to 55% energy savings at the NILIT plant with a reduction in CO<sub>2</sub> emissions of 0.7 ton of CO<sub>2</sub>/ton of polymer (including the transportation of the raw materials)
- > Electrical energy savings of up to 700 kWh/ton in polymer chemistry process
- > Water savings of up to 830 kg water/ton of polymer, an 80.5% savings

## INDEPENDENTLY CERTIFIED

Sensil® EcoCare is certified by SCS as a pre-consumer recycled fiber. Sensil® EcoCare complies with the Global Recycled Standard. NILIT® polymers meet the OEKO-TEX® Standard 100 for textile products that pose no risk to health.