



The Name for Top Grade Fibers



GRENCCELL

The Natural Fiber Combining
Both Strength and Softness.



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GREENCELL®

Originating From Trees Farmed in Man-made Forests for a Natural Feeling

We are devoted to our environment and have invested over 20 years to develop and patent this technology.

GREENCELL® comes from natural fibers processed through a proprietary method and dissolved in a specially formulated solution. Up to the final weaving and finished product there is zero waste and zero impact to the environment. Combining the best properties of natural and synthetic fibers it is strong and supple, elastic, silky soft, breathable and overall has a real natural feeling.





The New Age Environmentally Friendly Fiber

Natural Raw Materials

“As we take from the earth, so shall we give back”

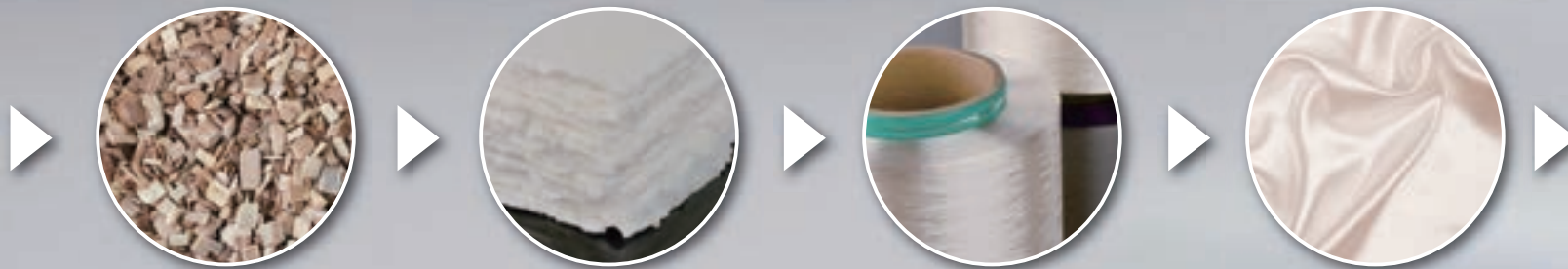
- ✓ Wood pulp cellulose is the raw material which GREENCELL® is made from.
- ✓ 99.5% Solvent Recycle Rate
- ✓ 100% Biodegradable, Zero-Waste

Environmentally Friendly, Energy Saving

Throughout the production cycle from raw material to finished product.

Greatly reducing production process time and saving energy by taking advantage of the natural biodegradation process to eliminate waste water and materials.

- ✓ Uses Organic Solvents
- ✓ Greatly Shortens Production Time





Athletic Apparel

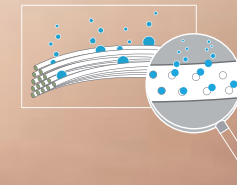
Moisture Wicking, Breathable & Comfortable
Even During Intense Exercise

Lightweight Comfort

GREENCELL® is a filament (only 2dpf in thickness) that is resilient, lightweight and soft. It is easily combined with different raw materials for outstanding performance.

Dry & Breathable

The natural moisture regulating properties of wood are preserved; the fine, porous fibers absorb 7-15 times their weight in water. Improvements in raw materials, solvents and weaving ensure that GREENCELL® fibers retain moisture while keeping the surface dry.



GREENCELL® Filament

Filament has less capillary action, so beads of water do not linger. This is why filaments easily evaporate water after absorbing moisture for a natural, quick dry.

Excellent Filament Porosity

GREENCELL® provides excellent moisture regulation through utilizing countless holes on the fiber's surface. Water is absorbed within the fiber while its surface remains dry so that the skin is cool, not sticky. These minute holes absorb and also help evaporate excess water to ensure optimal saturated humidity.



Spun Yarn

Water droplets are completely trapped in the fiber due to the spun yarn's capillary action, resulting in longer natural drying times and a moist textile texture.



Undergarments

GREENCELL® Provides a Smooth Drape, It's Delicate, Soft & Comfortable



Gently Flowing

GREENCELL® is rich in hydroxyl, highly isotactic, with good orientation and few gaps to lessen pilling while exhibiting a silk-like lightweight drape. Treat every inch of your skin with a fine, luxurious fabric.



GREENCELL®



Regular Fabric

GREENCELL® textile's excellent drape properties derive from a fine, high density fiber structure. Extremely fine fiber improves the softness of textiles, while the high density provides the superb drape capability.



Urban Denim

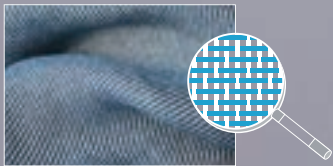
When denim and GREENCELL® merge seamlessly, a silk-like jean material is born.

A Lively Material – The Best of Both Worlds

GREENCELL® compensates for the shortcomings of denim fabric in ductility and tensile strength. We blend a filament with spun yarn using the latest technology to produce a new and improved denim that is thinner and softer, suitable for today's active lifestyle.

The Allure of a Perfectly Blended Yarn

GREENCELL® brings high breathability properties to the fabric, so the new denim is no longer heavy or hot. This comfortable new texture will usher in a wave of new materials.



GREENCELL® and denim material are mixed in the spinning process to create a one of a kind look and texture. Jeans can now look rugged while feeling as soft as silk and remaining breathable and comfortable.





Fashion

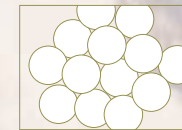
Each garment appears custom tailored. This elegant & natural beauty will become the fashion direction for the new century.

Soft Sheen Elegant Fashion

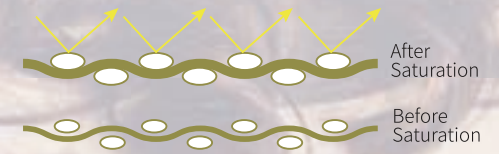
GREENCELL® is rich in hydroxyl content for easy, brilliant color adhesion. The unique circular cross-section allows light absorption and reflection in 360° degrees, giving off a warm, unique sheen for an irreplaceably trendy texture.

Graceful Natural Luxurious

By implementing mercerization during the mixed spinning process with natural fibers, the fibers are imbued with a graceful sophistication through a dyeing and enzyme treatment process. This process also lightens the burden on the environment.



Circular Filament Cross-Section Gives the Fiber a Rich, Soft Sheen. Brilliant Fabric with 360° of Light Refraction.



When moist, GREENCELL® will swell up 30% in diameter, returning to its original state when dry. This trait means there are larger gaps between the filaments, creating excellent drape in the textile, with a luxurious flowing texture and ornamental draping effect.

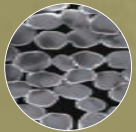


Sofa | Curtains | Bedding

Household Textiles

Invest in the best for your family.
Let only pure natural materials come
in contact with your skin.

GREENCELL® is an ideal household textile for either humid or dry climates. In humid environments its natural moisture wicking properties promotes evaporation. In dry climates the highly breathable GREENCELL® can naturally regulate humidity while at the same time provide thermal insulation and leave the skin dry and cool for a comfortable experience.



GREENCELL®



Cotton



Viscose Rayon

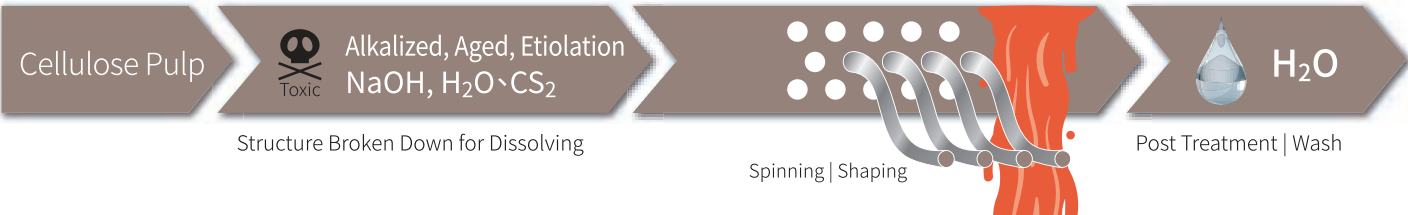
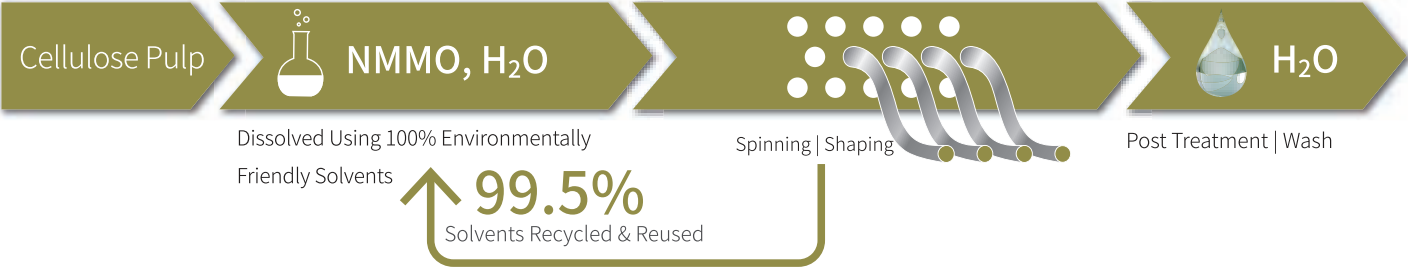
GREENCELL®'s smooth surface and its circular cross-section of fibers reduces the bacterial count and odors from being trapped in the fabric thereby keeping them fresher longer.

Bacteria on Textile Surface ▶



GREENCELL[®] Makes Environmental Protection Easy

Resources are recycled and reused with zero waste to ensure endless continuation of life.



Only Less Than 50% of Solvents Recycled
More than 50% of Waste Water Discharged



GREENCELL® Filament specifications

Fiber Specifications

Fiber type	Moderate Microfibrillar
Fineness	2.0 / 3.0 / 3.75 dpf
Specifications	50/24 · 80/40 · 120/60 · 150/60 · 180/60
Bobbin Weight	1 / 1.5 kg
Product Type	Bright Filament

Applications

Apparel Uses

Underwear, athletic wear, shirt fabric, casual attire, jeans, suit fabric, high grade lining, haute couture.

Household Uses

Towels, sheets, blankets, curtains.

Industrial Uses

Non-woven fabric, filter fabric, sewing thread, conveyor belt, fine denier high tenacity filament, cord tire fabric, rubber reinforcement material, waterproof tape reinforcement material.

Other Uses

Special paper, flame-retardant textiles, anti-microbial textiles, medical products, functional products.

Wear Healthy, Toxin-free Fabrics

To Usher in a Better Life 



GREENCELL

