SUPREME COLORS
LOW IMPACT
RADICAL TRANSPARENCY
THE WET PROCESS IS ACCOUNTABLE FOR 23.5% OF THE CLIMATE IMPACT IN THE ENTIRE LIFE CYCLE OF A GARMENT.
CLIMATE IMPACT PER PHASE IN THE ENTIRE LIFE CYCLE OF A GARMENT

This diagram states the climate impact per phase in the entire life cycle of a garment.

These numbers are stated in “The Outlook Report” from Mistra Future Fashion.
SUPREME COLORS.
LOW IMPACT COLORING PROCESS.
EXCELLENT PERFORMANCE.
RADICAL TRANSPARENCY.

The SpinDye®-certificate is based on LCA’s methodology with the ISO Standard 14040-series. Our certification agency guarantees that all production procedures in the entire supply chain, follow the proper steps to ensure the integrity of the final product. In addition to monitoring the chemical content of the finished product, water use, CO2 and energy consumption are also accounted for. The certification of We aRe SpinDye® is based on LCA’s methodology with the ISO Standard 14040-series. The Key Performance Indicators (KPI) are comparable to industrial dyeing method standards.

Environmental savings
- Water usage -75%
- Chemical usage -90%
- Co2 imprints -30%
- Energy consumption -30%
- Traceable 100%
- Transparency 100%
- Colorfastness to light 5/5
- Recycled 100%
GRS - GLOBAL RECYCLE STANDARD
Certified Recycled Polyester

We aRe SpinDye® uses recycled polyester made from post consumer waste pet bottles or chemically recycled polyester from wasted clothes.
WE ARE SPINDYE®-CIRCULAR PRODUCTION

The colored polyester mass is extruded into homogeneously colored fibers without any use of water.

Recycled polyester pellets are mixed and melted together with the color pigments.

Color pigments. Each color has its own unique recipe.

We use Oeko-certified recycled polyester (rPET) where the source is recycled clothes or post-consumer waste, ex PET-bottles.

START HERE

When the garment reaches its end of life, a new life can begin. The garment can easily be recycled into new raw material.

COME HERE

The colored fibers are spun and textured into yarn.

The colored yarn is woven or knitted into a variety of finished fabrics.

The fabrics are sent to finishing: lamination, brushing, coating, etc.

The fabrics are assembled into the final product.

WE ARE SPINDYE®
PIECE DYEING

The colored yarn is weaved or knitted to desired fabric. The extruded fibers are spun and texturized to yarn. A yarn is usually made of between 40 and 80 fibers. The technical term for fiber is "filament." Close up and cross section of a yarn with 72 homogenic colored fibers.

Recycled polyester is mixed and melted with color pigments. The colored polyester mass is squeezed through a nozzle. The color pigments are recipe-based. This is an illustrated overview of the We aRe SpinDye®-process: How our coloring method works, where the positive effects occur in the process. It also describes the We aRe SpinDye-process compared to traditional piece dyeing. Colored fiber to yarn, Colored yarn to fabric, Colored fabric sent to treatments.

WE ARE SPINDYE®

Raw materials
- Recycled polyester
- Color pigment
- Masterbatch

Mixing raw materials
Extruding colored fibers* through a nozzle.

Melting raw materials
Close up and cross section of a yarn with 72 homogenic colored fibers*

Brushing: For texturizing the fabrics
Coating: To give the fabric different properties is laminated to the fabric
Brushing: For textureizing the fabrics
Coating: To give the fabric different properties is laminated to the fabric

Traditional dyeing
WE ARE FOLLOWING REACH REGULATION
OUR PRODUCTS ARE
- ZDHC CERTIFIED
- OEKO TEX 100 CERTIFIED
CARRY OVER COLORS

FJÄLLRÄVEN RE:KÅNKEN
BERGANS OF NORWAY: STRANDA COLLECTION
WE ARE SPINDYE® ARE PROUD TO COLLABORATE WITH...

BOOB DESIGN
Top & pants

boob®
PEAK PERFORMANCE
ADIDAS by STELLA MC CARTNEY
The puffa jacket
ARKET
Running tights
MAMMUT

Extended Lifetime

We manufacture only best quality products with highest longevity and outstanding craftsmanship. Thus fighting the global throw-away mentality and ensuring that your Mammut product lasts longer and longer and longer. We drastically reduce environmental harm in the dyeing process by coloring the Casamia Outfit with SpinDye®. This patented method integrates color pigments already in the fiber, guaranteeing an everlasting color fastness – no matter how often you wear or wash your product. Compared to conventional water-wasting coloring methods, SpinDye® saves 75% of the water and 90% of the chemicals needed.

Enhanced Recyclability

Outdoor products typically consist of many different components and materials, making it difficult and costly to separate and recycle the single raw materials effectively.

In the Casamia Outfit we put great emphasis on using as many components as possible from one single and well recyclable material. All three-layer laminates consist of three polyester layers, which makes them recyclable without separating the single layers first. Components consisting of other materials than polyester are designed to be easily separable, thus making them easy to recycle.
QUIKSILVER
THANK YOU!

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