

EVOLUTION: PROGRESS YOU DIDN'T KNOW HAPPENED ESTABLISHED PRODUCTS THAT HAVE BEEN REVITALIZED

Featuring Stephen Kelly

Director of Global Business and Supplier Development Hologenix, Inventors of CELLIANT® CELLIANT

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FROM MECHANICAL TO PHYSIOLOGICAL

INNOVATION IN TEXTILES IS TRANSITIONING FROM MATERIAL PERFORMANCE TO HUMAN PERFORMANCE



IMAGINE THE POWER OF HARNESSING HUMAN HEAT TO IMPROVE PERFORMANCE, RECOVERY AND SLEEP...



RESPONSIVE TEXTILES IS THE NEXT EVOLUTION



RESPONSIVE TEXTILES

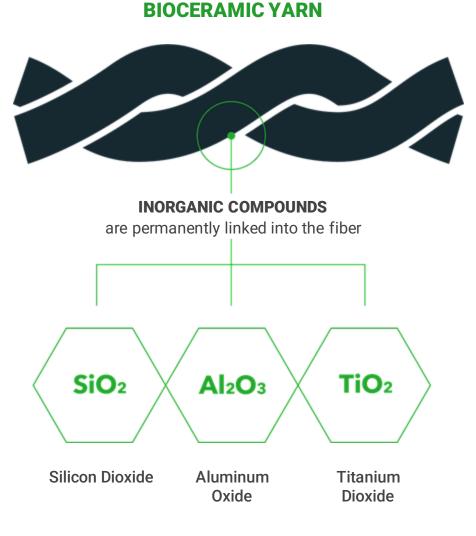






WHAT ARE BIOCERAMICS?

Bioceramics are fibers coated or embedded with minerals to reflect and generate infrared (IR) energy

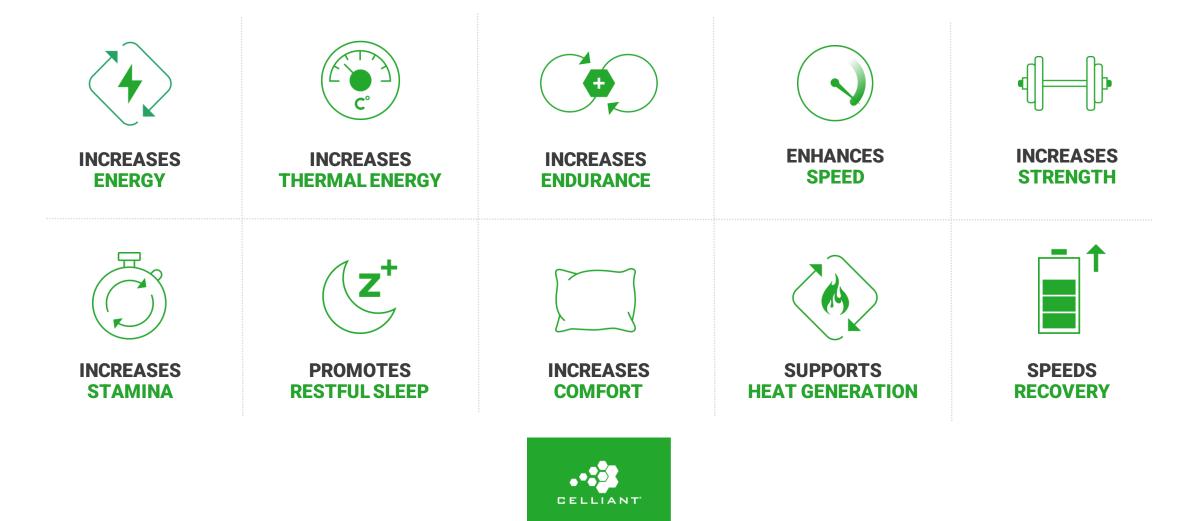




BIOCERAMIC IR APPLICATIONS ARE EQUIVALENT TO 20-30 MINUTES OF INFRARED SAUNA TREATMENT



SELF-CARE WEAR PROVIDES A CASCADE OF WELLNESS BENEFITS





INNOVATIONS IN VISCOSE

VISCOSE FROM KELHEIM

SURROUNDED BY NATURE -DEEPLY ROOTED WITHIN THE COMMUNITY

Kelheim Fibres is a mid-size company located in Southern Germany right next to the Danube River.

Fibre & Application Development Center with onsite pilot plants enables innovative and tailormade solutions.



VISCOSE FROM KELHEIM

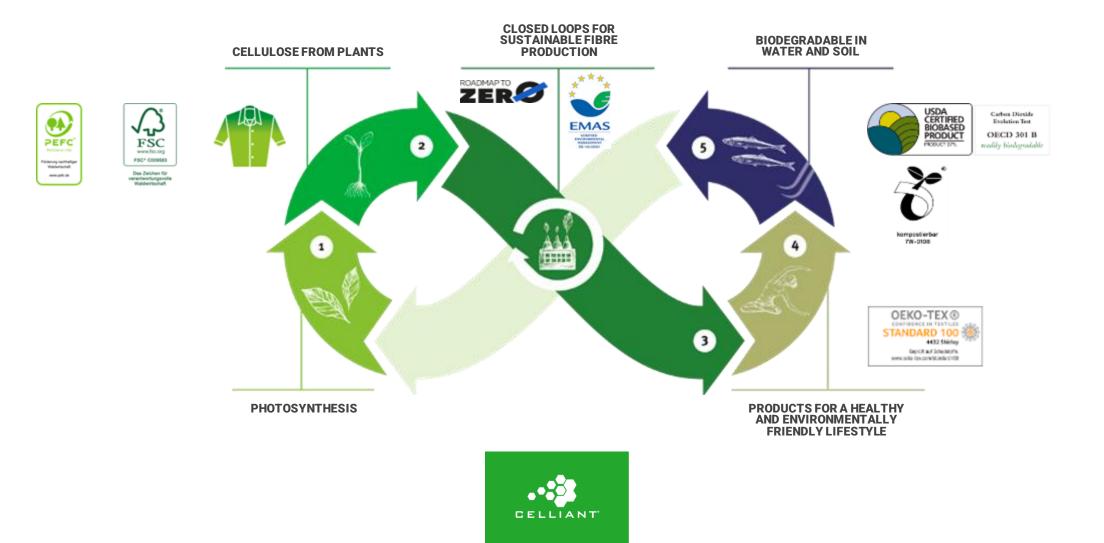
CONSERVING RESOURCES – PROTECTING THE ENVIRONMENT

Cellulose is the most common biopolymer found in nature. Our Cellulose-based fibres are made from the renewable raw material wood from sustainably managed woodlands. It is grown without use of genetic modification, pesticides and agricultural land. We take responsibility for our environment by continually evaluating and implementing highest environmental standards. We are proud to be the first viscose fibre producer worldwide certified by EMAS*/ISO14001.





BIO-BASED AND RENEWABLE RAW MATERIALS



CERTIFIED SUSTAINABILITY

Nature-based CELLIANT Viscose is certified by FSC[®] or PEFC[™], which guarantees the origin in sustainably managed farms. In addition, our partner Kelheim Fibres was awarded a green shirt in Canopy's 2020 Hot Button Ranking. This indicates a leadership role in raw material sourcing.



A REVOLUTIONARY TEXTILE INNOVATION

CELLIANT Viscose is the first in-fiber sustainable viscose infrared (IR) solution.

CELLIANT Viscose was chosen as a finalist in the Fibers and Insulations category for ISPO Textrends Munich 2021 awards.



FLEXIBLE FIBRE TECHNOLOGY

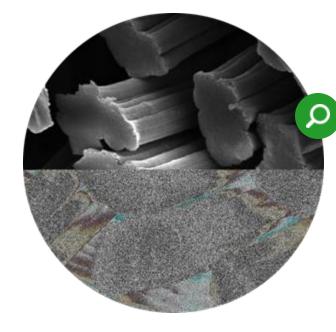
FIBRE TYPES

Textile 1,7 dtex/40 mm Nonwovens 1,7 dtex/40 mm Wool 2,5 dtex/Variable Cut Filling/Nonwovens 6,7 dtex/60 mm

CELLIANT VISCOSE: CROSS SECTION

Optical Microscope Magnification at 500X © Dominik Mayer, Kelheim Fibres GmbH



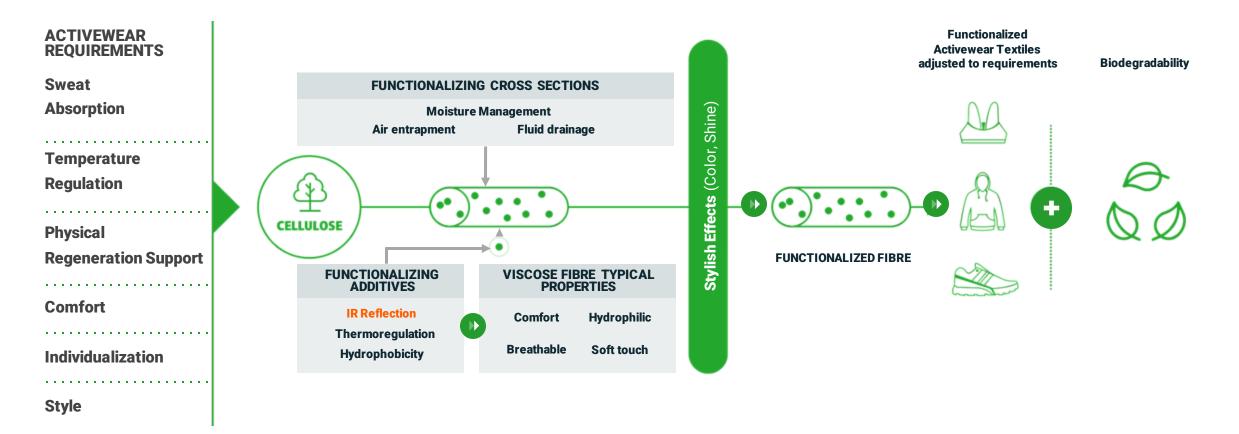


CELLIANT VISCOSE: CROSS SECTION

SEM Magnification at 3000X © Dominik Mayer, Kelheim Fibres GmbH



FUNCTIONALIZED FIBRES FOR HIGH PERFORMANCE TEXTILES





INIFINITE POSSIBILITIES



THANK YOU



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