

TENCEL™ LYOCELL

TENCEL™ LYOCELL

MATERIALE • MATERIAL



La fibra tessile TENCEL™ Lyocell è ottenuta dalla polpa di alberi coltivati da aziende certificate dalla Forest Stewardship Council (FSC), rispettando gli standard socialmente e responsabilmente utili per l'ambiente

- *The TENCEL™ Lyocell textile fiber is obtained from the pulp of trees grown by companies certified by the Forest Stewardship Council (FSC), respecting socially and responsibly useful standards for the environment*

COLORE • COLOR

Naturale o colore personalizzabile con riferimento Pantone® • *Natural or customizable color with Pantone® reference*

PERSONALIZZAZIONE • CUSTOMIZATION

Personalizzabile nelle misure e nella stampa (serigrafica o transfer) • *Customizable in sizes and printing (screen or transfer)*

RICICLABILITÀ • RECYCLABILITY



Riciclabile, raccolta differenziata: "INDUMENTI". Verifica le direttive del comune di residenza.

- *Recyclable, separate collection: "CLOTHES". Check the directives of your municipality.*

PRODUZIONE • MANUFACTURING

Prodotto in Europa e Cina • *Made in Europe and China*

CERTIFICAZIONI • CERTIFICATION

È possibile apporre l'etichetta TENCEL™ poichè Anydesign srl è e-branding con Lenzing AG • *It is possible to affix the TENCEL™ label as Anydesign srl is e-branding with Lenzing AG*

TENCEL™ Lyocell {Lenzing}

Punteggio Higg Index/SAC (Sustainable Apparel Coalition) per la materia grezza (1 Kg) prima della lavorazione.

Metodologia di punteggio: la procedura per convertire i dati del punto medio LCIA in punteggi ambientali per le categorie di impatto misurato LCIA (Life Cycle Impact Analysis / Analisi dell'impatto del ciclo di vita)

Biogenic Carbon Content & Water Consumption do not count towards the final MSI score*

Global Warming	Biogenic* Carbon Content	Eutrophication	Water Scarcity	Water Consumption	Resource Depletion, Fossil Fuels	Chemistry
3.01	-	2.49	0.35	-	3.10	1.91

Description

This submission represents TENCEL™ Lyocell fiber produced by Lenzing group in Europe and the US. This is a cradle to gate process, from wood harvest until fiber production. Lenzing implements closed-loop Lyocell technology which was used to produce this fibers. This fiber process should be combined with appropriate down stream process stages such as spinning, knitting, coloration and finishing to create a TENCEL™ Lyocell fabric scenario. This dataset was obtained from WALDB of Quantis.

<https://www.lenzing.com>

Modeling Notes

Quantis. World Apparel and Footwear Life Cycle Assessment Database (WALDB).

Lyocell (generic), regenerated cellulose from wood pulp

Global Warming	Biogenic* Carbon Content	Eutrophication	Water Scarcity	Water Consumption	Resource Depletion, Fossil Fuels	Chemistry
6.41	-	5.24	1.64	-	5.10	1.91

Description

Generic Lyocell (regenerated cellulose from wood pulp dissolved in NMMO)-Fiber production in Asia and Pulp from different regions of the world consisting of different wood species catering to Man-made cellulose industry in the world. Wood sources: Eucalyptus, spruce, Beech, Birch, other hardwoods (no data available for cotton linters and bamboo). Non-integrated production i.e. Pulp and fiber are manufactured in different locations or facilities. Electricity is from Chinese grid and heat is from fossil sources. Disclaimer: This generic process is based on Lenzing's know-how and understanding of industry situation with regard to the concerned fiber, but it does not represent any specific producer.

Modeling Notes

Quantis. World Apparel and Footwear Life Cycle Assessment Database (WALDB).

Higg MSI Methodology and Data Version 3.5 (Last updated: December 2022)

<https://portal.higg.org/60c4de463454b7000bf12149/product-tools/msi-v2/example-materials>

