Product Carbon Footprint Calculation Results

02/04/2025 - 15:45

Product	SKU
DRESSES	LORETTA COCKTAIL DRESS

Layer	Gender	Wastage Percentage
Tops	Women	5%

Property Name	Property Value	SQM
Upper body length	regular	0.6
Fit	slim	1.44
Sleeves	short	0.09
Neck	v neck	-0.016
EU SIZE	L woman	0.19897744204083448

Layer	Gender	Wastage Percentage
Skirts	Women	5%

Property Name	Property Value	SQM
Length	calf	0.5658
Shape	tube straight	0
Rise	regular	0
EU SIZE	L woman	0.19897744204083448

External - Raw Material

Material	Percentage	CO2e per GRAM	Fabric Grams	CO2e Grams
Viscose generic	100%	14.54	128.0887	1862.409
Total	**100%**	**14.54**	**128.09**	**1862.41**

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	CHINA	CHINA		0
Total				**0**

External - Yarn Production

Process Name	Material
Carding (CO2e g)	Viscose generic (CHINA) 33.0082
Winding (CO2e g)	Viscose generic (CHINA) 75.9188
Sizing (CO2e g)	Viscose generic (CHINA) 1.5796
Ring Spinning (CO2e g)	Viscose generic (CHINA) 158.4393
Warping (CO2e g)	Viscose generic (CHINA) 5.3706
Roving (Co2e g)	Viscose generic (CHINA) 13.2033
Yarn Production - Dyeing (CO2e g)	Viscose generic (CHINA) 41.069
Blowing (CO2e g)	Viscose generic (CHINA) 29.7074
Drawing (CO2e g)	Viscose generic (CHINA) 19.8049
Total	**378.10110000000003**

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	CHINA	CHINA		0
Total				**0**

External - Cutting & Stitching

Process Name	Material
Major cutting	Viscose generic (CHINA) 0.0043
Total	**0.0043**

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	CHINA	CHINA		0
Total				**0**

External - Fabric Production

Process Name	Material
Heat Setting (CO2e g)	Viscose generic (CHINA) 0.1417
Weaving (CO2e g)	Viscose generic (CHINA) 134.5827
Total	**134.72439999999997**

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	CHINA	CHINA		0
Total				**0**

External - Garment Manufacturing

Process Name	Material
Finishing Emissions (CO2g)	Viscose generic (CHINA) 53.1248
Laundry Emissions (CO2e g)	Viscose generic (CHINA) 53.1248
Washing & Drying Emissions	Viscose generic (CHINA) 7.7916
Total	**114.0412**

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	CHINA	CHINA		0
Total				**0**

Production Group	Process Name	Country	CO2e	Value
Addition	Zip (cm)	CHINA	0.1908	20
Addition	Swarovski (10grams/unit)	CHINA	0.7417	10

External - Finishing & Packaging

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	CHINA	CHINA		0
Total				**0**

Production Group	Process Name	Country	CO2e	Value
---	Plastic Hanger	CHINA	0.0862	1

Final Transportation

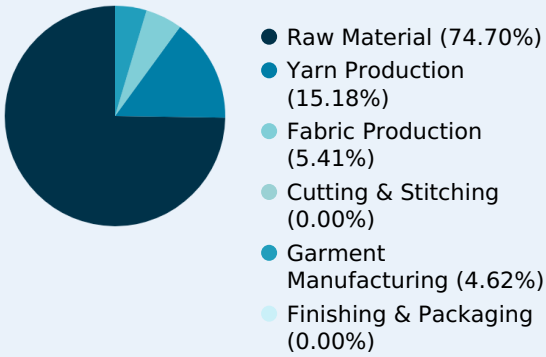
Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	CHINA	UNITED KINGDOM	AIR - 0	0
Total				**0**

Total Carbon Footprint

2.49 kg CO_2e

Estimated Offsetting Cost In EUR *

0.25 €

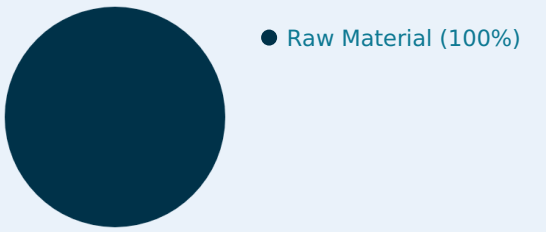


Raw Material Carbon Footprint

1.86 kg CO_2e

Estimated Offsetting Cost In EUR *

0.19 €



Transportation Carbon Footprint

0 kg CO_2e

Estimated Offsetting Cost In EUR *

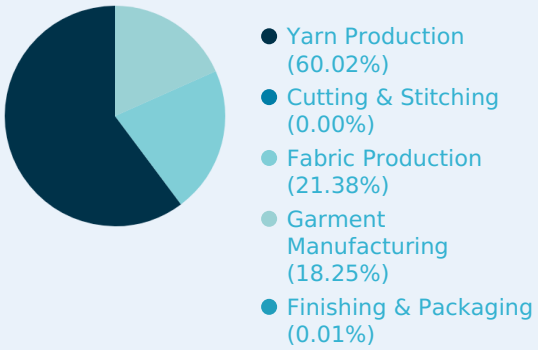
0 €

Process Carbon Footprint

0.63 kg CO_2e

Estimated Offsetting Cost In EUR *

0.06 €



* Current Average Market Value Of High Quality Carbon Credit

The software tools and services provided by Edmond Climate Network SA (hereinafter referred to as "the Company") are designed to assist users in the calculation and optimization of the carbon footprint of products in the fashion industry. However, the results, data, and recommendations provided by our software are for informational purposes only, with a tolerance of +/-10% and are not intended to constitute professional advice.

By using our software, the user acknowledges and agrees that the Company shall not be held responsible or liable for any direct, indirect, incidental, consequential, or punitive damages, including but not limited to any loss of profits, data, or business interruptions, that may arise from the use, misuse, or reliance on any data or information generated by our tools.

Furthermore, it is the sole responsibility of the user to ensure the accuracy, completeness, and verifiability of all data entered into the Company's software. The Company is not liable for any errors, inaccuracies, or omissions in the input data provided by the user. The user is responsible for ensuring that the data provided for calculation is correct and up-to-date. The Company does not guarantee the accuracy, reliability, or completeness of the results generated from the software, which are contingent upon the input data provided by the user.

The user understands and agrees that the Company provides no warranties, express or implied, regarding the accuracy, applicability, or reliability of the results generated by the software and disclaims any responsibility for the consequences of decisions made based on such results.

By using the software, the user agrees to indemnify and hold harmless the Company, its officers, directors, employees, and agents from any claims, damages, or losses resulting from the misuse of the software or any failure by the user to input correct or verifiable data.

This disclaimer is subject to change without notice, and users are encouraged to review it regularly to stay informed of any updates.