

## Product Carbon Footprint Calculation Results

07/16/2025 - 15:24

Product	SKU	Gender	Wastage Percentage
SHIRTS	25AWGAL54478A	Women	5%

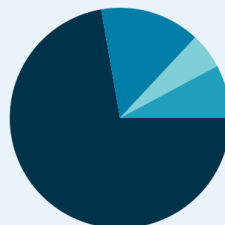
Property Name	Property Value	SQM
Body length	regular	0.7
Fit	regular	0
Sleeves	long	0.31
Neck	classic collar	0.039
EU SIZE	S woman	0.1935085228292251

### Total Carbon Footprint

**4.23** kg CO<sub>2</sub>e

Estimated Offsetting Cost In EUR \*

**0.42** €



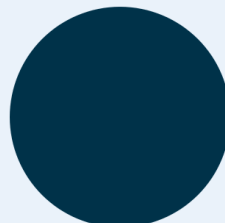
- Raw Material (72.34%)
- Yarn Production (14.70%)
- Fabric Production (5.25%)
- Cutting & Stitching (0.00%)
- Garment Manufacturing (7.82%)
- Finishing & Packaging (0.00%)

### Raw Material Carbon Footprint

**3.06** kg CO<sub>2</sub>e

Estimated Offsetting Cost In EUR \*

**0.31** €



- Raw Material (100%)

### Transportation Carbon Footprint

0 kg CO<sub>2</sub>e

Estimated Offsetting Cost In EUR \*

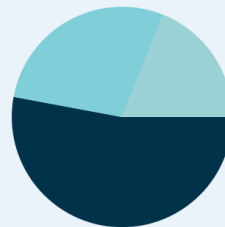
0 €

### Process Carbon Footprint

1.17 kg CO<sub>2</sub>e

Estimated Offsetting Cost In EUR \*

0.12 €



- Yarn Production (53.13%)
- Cutting & Stitching (0.00%)
- Garment Manufacturing (28.27%)
- Fabric Production (18.97%)
- Finishing & Packaging (0.01%)

\* Current Average Market Value Of High Quality Carbon Credit

## Phases country risk

Layer	Production Phase	Country	Country Risk / Provider
Viscose Light Georgette	Raw Material	CHINA	High Risk
Viscose Light Georgette	Yarn Production	CHINA	High Risk
Viscose Light Georgette	Fabric Production	CHINA	High Risk
Viscose Light Georgette	Cutting & Stitching	CHINA	High Risk
Viscose Light Georgette	Garment Manufacturing	CHINA	High Risk
Viscose Light Georgette	Finishing & Packaging	CHINA	High Risk
Satin	Raw Material	CHINA	High Risk
Satin	Yarn Production	CHINA	High Risk
Satin	Fabric Production	CHINA	High Risk
Satin	Cutting & Stitching	CHINA	High Risk
Satin	Garment Manufacturing	CHINA	High Risk
Satin	Finishing & Packaging	CHINA	High Risk

## Water Footprint & Land Impact Summary

Production Phase	Green Water (liters)	Blue Water (liters)	Grey Water (liters)
Raw Material	737.1	168.48	84.24
Yarn Production	0	134.78	58.97
Fabric Production	0	126.36	63.18
Garment Manufacturing	0	261.14	231.66
<b>Total (Liters)</b>	<b>737.1</b>	<b>690.76</b>	<b>438.05</b>

Land Impact Summary	
Total Land Use (m2)	0

### Viscose Light Georgette - Raw Material

Material	Percentage	CO2e per GRAM	Fabric Grams	CO2e Grams
Viscose generic	100%	14.54	105.2998	1531.0586
<b>Total</b>	<b>100%</b>	<b>14.54</b>	<b>105.3</b>	<b>1531.06</b>

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	CHINA	CHINA		0
<b>Total</b>				<b>0</b>

### Viscose Light Georgette - Yarn Production

Process Name	Material
Carding (CO2e g)	Viscose generic (CHINA) 27.1355
Winding (CO2e g)	Viscose generic (CHINA) 62.4117
Sizing (CO2e g)	Viscose generic (CHINA) 1.2985
Ring Spinning (CO2e g)	Viscose generic (CHINA) 130.2506
Warping (CO2e g)	Viscose generic (CHINA) 4.4151
Roving (Co2e g)	Viscose generic (CHINA) 10.8542
Dyeing (CO2e g)	Viscose generic (CHINA) 33.7622
Blowing (CO2e g)	Viscose generic (CHINA) 24.422
Drawing (CO2e g)	Viscose generic (CHINA) 16.2813
<b>Total</b>	<b>310.8311</b>

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	CHINA	CHINA		0
<b>Total</b>				<b>0</b>

### Viscose Light Georgette - Cutting & Stitching

Process Name	Material
Major cutting	Viscose generic (CHINA) 0.0035
<b>Total</b>	<b>0.0035</b>

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	CHINA	CHINA		0
<b>Total</b>				<b>0</b>

### Viscose Light Georgette - Garment Manufacturing

Process Name	Material
Garment dyeing (CO2e g)	Viscose generic (CHINA) 71.6238
Finishing Emissions (CO2g)	Viscose generic (CHINA) 43.6731

Process Name	Material
Laundry Emissions (CO2e g)	Viscose generic (CHINA) 43.6731
Washing & Drying Emissions	Viscose generic (CHINA) 6.4054
<b>Total</b>	<b>165.3754</b>

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	CHINA	CHINA		0
<b>Total</b>				<b>0</b>

## Viscose Light Georgette - Fabric Production

Process Name	Material
Heat Setting (CO2e g)	Viscose generic (CHINA) 0.1165
Coating (CO2e g)	Viscose generic (CHINA) 0
Bonding (CO2e g)	Viscose generic (CHINA) 0.2417
Weaving (CO2e g)	Viscose generic (CHINA) 110.6385
<b>Total</b>	<b>110.99669999999999</b>

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	CHINA	CHINA		0
<b>Total</b>				<b>0</b>

## Viscose Light Georgette - Finishing & Packaging

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	CHINA	CHINA		0
<b>Total</b>				<b>0</b>

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

## Satin - Raw Material

Material	Percentage	CO2e per GRAM	Fabric Grams	CO2e Grams
Viscose generic	100%	14.54	105.2998	1531.0586
<b>Total</b>	<b>100%</b>	<b>14.54</b>	<b>105.3</b>	<b>1531.06</b>

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	CHINA	CHINA		0
<b>Total</b>				<b>0</b>

## Satin - Yarn Production

Process Name	Material
Carding (CO2e g)	Viscose generic (CHINA) 27.1355
Winding (CO2e g)	Viscose generic (CHINA) 62.4117

Process Name	Material
Sizing (CO2e g)	Viscose generic (CHINA) 1.2985
Ring Spinning (CO2e g)	Viscose generic (CHINA) 130.2506
Warping (CO2e g)	Viscose generic (CHINA) 4.4151
Roving (Co2e g)	Viscose generic (CHINA) 10.8542
Dyeing (CO2e g)	Viscose generic (CHINA) 33.7622
Blowing (CO2e g)	Viscose generic (CHINA) 24.422
Drawing (CO2e g)	Viscose generic (CHINA) 16.2813
<b>Total</b>	<b>310.8311</b>

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	CHINA	CHINA		0
<b>Total</b>				<b>0</b>

## Satin - Cutting & Stitching

Process Name	Material
Major cutting	Viscose generic (CHINA) 0.0035
<b>Total</b>	<b>0.0035</b>

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	CHINA	CHINA		0
<b>Total</b>				<b>0</b>

## Satin - Garment Manufacturing

Process Name	Material
Garment dyeing (CO2e g)	Viscose generic (CHINA) 71.6238
Finishing Emissions (CO2g)	Viscose generic (CHINA) 43.6731
Laundry Emissions (CO2e g)	Viscose generic (CHINA) 43.6731
Washing & Drying Emissions	Viscose generic (CHINA) 6.4054
<b>Total</b>	<b>165.3754</b>

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	CHINA	CHINA		0
<b>Total</b>				<b>0</b>

## Satin - Fabric Production

Process Name	Material
Heat Setting (CO2e g)	Viscose generic (CHINA) 0.1165
Coating (CO2e g)	Viscose generic (CHINA) 0
Bonding (CO2e g)	Viscose generic (CHINA) 0.2417
Weaving (CO2e g)	Viscose generic (CHINA) 110.6385
<b>Total</b>	<b>110.99669999999999</b>

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	CHINA	CHINA		0
<b>Total</b>				<b>0</b>

## Satin - Finishing & Packaging

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	CHINA	CHINA		0
<b>Total</b>				<b>0</b>

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
<b>Total</b>				<b>0</b>

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.

