

Product Carbon Footprint Calculation Results

07/16/2025 - 15:24

Product	SKU	Gender	Wastage Percentage
PANTS	25AWLYN4406A	Women	5%

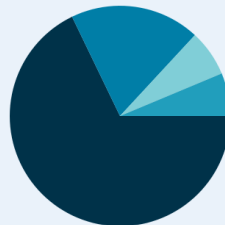
Property Name	Property Value	SQM
Length	ankle	0.9025
Shape	straight	0
Rise	regular	0
Cargo	yes	0.03
EU SIZE	S woman	0.18141289437586086

Total Carbon Footprint

2.61 kg CO₂e

Estimated Offsetting Cost In EUR *

0.26 €



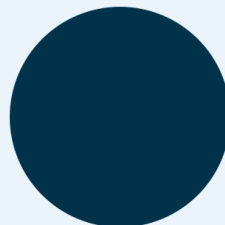
- Raw Material (67.82%)
- Yarn Production (19.05%)
- Fabric Production (6.80%)
- Cutting & Stitching (0.00%)
- Garment Manufacturing (6.30%)
- Finishing & Packaging (0.00%)

Raw Material Carbon Footprint

1.77 kg CO₂e

Estimated Offsetting Cost In EUR *

0.18 €



- Raw Material (100%)

Transportation Carbon Footprint

0 kg CO₂e

Estimated Offsetting Cost In EUR *

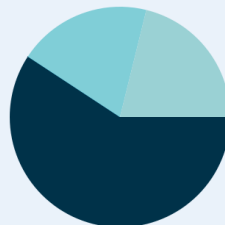
0 €

Process Carbon Footprint

0.84 kg CO₂e

Estimated Offsetting Cost In EUR *

0.08 €



- Yarn Production (59.19%)
- Cutting & Stitching (0.00%)
- Garment Manufacturing (19.58%)
- Fabric Production (21.14%)
- Finishing & Packaging (0.00%)

* Current Average Market Value Of High Quality Carbon Credit

Phases country risk

Layer	Production Phase	Country	Country Risk / Provider
Leopard Velvet	Raw Material	ITALY	Moderate Risk
Leopard Velvet	Yarn Production	ITALY	Moderate Risk
Leopard Velvet	Fabric Production	ITALY	Moderate Risk
Leopard Velvet	Cutting & Stitching	UNITED KINGDOM	Low Risk
Leopard Velvet	Garment Manufacturing	UNITED KINGDOM	Low Risk
Leopard Velvet	Finishing & Packaging	UNITED KINGDOM	Low Risk
TEMPERLEY T LOGO LINING	Raw Material	CHINA	High Risk
TEMPERLEY T LOGO LINING	Yarn Production	CHINA	High Risk
TEMPERLEY T LOGO LINING	Fabric Production	CHINA	High Risk
TEMPERLEY T LOGO LINING	Cutting & Stitching	ITALY	Moderate Risk
TEMPERLEY T LOGO LINING	Garment Manufacturing	ITALY	Moderate Risk
TEMPERLEY T LOGO LINING	Finishing & Packaging	ITALY	Moderate Risk

Water Footprint & Land Impact Summary

Production Phase	Green Water (liters)	Blue Water (liters)	Grey Water (liters)
Raw Material	1225.21	307.01	578.86
Yarn Production	0	245.6	405.2
Fabric Production	0	230.25	434.14
Garment Manufacturing	0	371.45	768.99
Total (Liters)	1225.21	1154.31	2187.19

Land Impact Summary	
Total Land Use (m2)	0.01

Leopard Velvet - Raw Material

Material	Percentage	CO2e per GRAM	Fabric Grams	CO2e Grams
Cotton generic	100%	2.62	154.6746	405.2473
Total	100%	2.62	154.67	405.25

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Cotton generic	ITALY	ITALY		0
Total				0

Leopard Velvet - Yarn Production

Process Name	Material
Carding (CO2e g)	Cotton generic (ITALY) 19.2449
Winding (CO2e g)	Cotton generic (ITALY) 44.2633
Sizing (CO2e g)	Cotton generic (ITALY) 0.9209
Ring Spinning (CO2e g)	Cotton generic (ITALY) 92.3756
Warping (CO2e g)	Cotton generic (ITALY) 3.1312
Roving (Co2e g)	Cotton generic (ITALY) 7.698
Dyeing (CO2e g)	Cotton generic (ITALY) 23.9446
Blowing (CO2e g)	Cotton generic (ITALY) 17.3204
Drawing (CO2e g)	Cotton generic (ITALY) 11.547
Total	220.44590000000005

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Cotton generic	ITALY	ITALY		0
Total				0

Leopard Velvet - Cutting & Stitching

Process Name	Material
Major cutting	Cotton generic (UNITED KINGDOM) 0.002
Total	0.002

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Cotton generic	UNITED KINGDOM	UNITED KINGDOM		0
Total				0

Leopard Velvet - Garment Manufacturing

Process Name	Material
Garment dyeing (CO2e g)	Cotton generic (UNITED KINGDOM) 40.3329
Finishing Emissions (CO2g)	Cotton generic (UNITED KINGDOM) 24.5933

Process Name	Material
Laundry Emissions (CO2e g)	Cotton generic (UNITED KINGDOM) 24.5933
Washing & Drying Emissions	Cotton generic (UNITED KINGDOM) 3.607
Total	93.1265

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Cotton generic	UNITED KINGDOM	UNITED KINGDOM		0
Total				0

Production Group	Process Name	Country	CO2e	Value
Addition	Zip (cm)	UNITED KINGDOM	0.229	24

Leopard Velvet - Fabric Production

Process Name	Material
Heat Setting (CO2e g)	Cotton generic (ITALY) 0.0826
Coating (CO2e g)	Cotton generic (ITALY) 0
Bonding (CO2e g)	Cotton generic (ITALY) 0.1714
Weaving (CO2e g)	Cotton generic (ITALY) 78.4664
Total	78.7204

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Cotton generic	ITALY	UNITED KINGDOM	Truck/Heavy goods vehicle - 0 Aircraft - 0	0
Total				0

Leopard Velvet - Finishing & Packaging

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Cotton generic	UNITED KINGDOM	UNITED KINGDOM		0
Total				0

Production Group	Process Name	Country	CO2e	Value
---	Plastic Hanger	UNITED KINGDOM	0.033	1

TEMPERLEY T LOGO LINING - Raw Material

Material	Percentage	CO2e per GRAM	Fabric Grams	CO2e Grams
Viscose generic	100%	14.54	93.7422	1363.0109
Total	100%	14.54	93.74	1363.01

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

TEMPERLEY T LOGO LINING - Yarn Production

Process Name	Material
Carding (CO2e g)	Viscose generic (CHINA) 24.1572
Winding (CO2e g)	Viscose generic (CHINA) 55.5615
Sizing (CO2e g)	Viscose generic (CHINA) 1.156
Ring Spinning (CO2e g)	Viscose generic (CHINA) 115.9544
Warping (CO2e g)	Viscose generic (CHINA) 3.9305
Roving (Co2e g)	Viscose generic (CHINA) 9.6629
Dyeing (CO2e g)	Viscose generic (CHINA) 30.0565
Blowing (CO2e g)	Viscose generic (CHINA) 21.7414
Drawing (CO2e g)	Viscose generic (CHINA) 14.4943
Total	276.71470000000005

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

TEMPERLEY T LOGO LINING - Cutting & Stitching

Process Name	Material
Major cutting	Viscose generic (ITALY) 0.0015
Total	0.0015

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

TEMPERLEY T LOGO LINING - Garment Manufacturing

Process Name	Material
Garment dyeing (CO2e g)	Viscose generic (ITALY) 30.7859
Finishing Emissions (CO2g)	Viscose generic (ITALY) 18.7719
Laundry Emissions (CO2e g)	Viscose generic (ITALY) 18.7719
Washing & Drying Emissions	Viscose generic (ITALY) 2.7532
Total	71.08290000000001

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

Production Group	Process Name	Country	CO2e	Value
Addition	Zip (cm)	UNITED KINGDOM	0.229	24

TEMPERLEY T LOGO LINING - Fabric Production

Process Name	Material
Heat Setting (CO2e g)	Viscose generic (CHINA) 0.1037
Coating (CO2e g)	Viscose generic (CHINA) 0
Bonding (CO2e g)	Viscose generic (CHINA) 0.2151
Weaving (CO2e g)	Viscose generic (CHINA) 98.4949
Total	98.8137

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	CHINA	ITALY	Truck/Heavy goods vehicle - 0 Aircraft - 0	0
Total				0

TEMPERLEY T LOGO LINING - Finishing & Packaging

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

Production Group	Process Name	Country	CO2e	Value
---	Plastic Hanger	UNITED KINGDOM	0.033	1

Final Transportation

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Cotton generic	ITALY	UNITED KINGDOM	AIR - 0	0
Total				0

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.

