

Product Carbon Footprint Calculation Results

07/16/2025 - 15:24

Product	SKU	Gender	Wastage Percentage
BLAZER	25AWLYN53970A	Women	5%

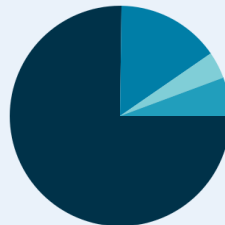
Property Name	Property Value	SQM
Body length	regular	0.656
Fit	slim	0.25
Pockets	2 jetted	0
Sleeves	regular	0.2624
Front	reverse single breasted one/two button	2.56
EU SIZE	S woman	0.1935085228292251

Total Carbon Footprint

4.57 kg CO₂e

Estimated Offsetting Cost In EUR *

0.46 €



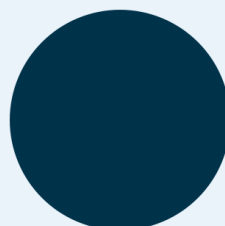
- Raw Material (75.27%)
- Yarn Production (15.18%)
- Fabric Production (3.96%)
- Cutting & Stitching (0.00%)
- Garment Manufacturing (5.66%)
- Finishing & Packaging (0.00%)

Raw Material Carbon Footprint

3.44 kg CO₂e

Estimated Offsetting Cost In EUR *

0.34 €



- Raw Material (100%)

Transportation Carbon Footprint

0 kg CO₂e

Estimated Offsetting Cost In EUR *

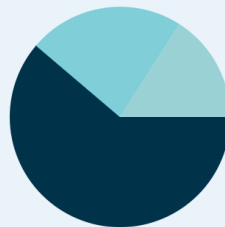
0 €

Process Carbon Footprint

1.13 kg CO₂e

Estimated Offsetting Cost In EUR *

0.11 €



- Yarn Production (61.40%)
- Cutting & Stitching (0.00%)
- Garment Manufacturing (22.91%)
- Fabric Production (16.00%)
- 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
Plain Viscose Lining	Raw Material	ITALY	Moderate Risk
Plain Viscose Lining	Yarn Production	ITALY	Moderate Risk
Plain Viscose Lining	Fabric Production	ITALY	Moderate Risk
Plain Viscose Lining	Cutting & Stitching	ITALY	Moderate Risk
Plain Viscose Lining	Garment Manufacturing	ITALY	Moderate Risk
Plain Viscose Lining	Finishing & Packaging	ITALY	Moderate 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	UNITED KINGDOM	Low 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	1708.72	420.22	678.02
Yarn Production	0	336.17	474.61
Fabric Production	0	315.16	508.52
Garment Manufacturing	0	536.49	959.36
Total (Liters)	1708.72	1608.04	2620.51

Land Impact Summary	
Total Land Use (m2)	0.02

Leopard Velvet - Raw Material

Material	Percentage	CO2e per GRAM	Fabric Grams	CO2e Grams
Cotton generic	100%	2.62	170.1498	445.7925
Total	100%	2.62	170.15	445.79

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) 21.1704
Winding (CO2e g)	Cotton generic (ITALY) 48.6919
Sizing (CO2e g)	Cotton generic (ITALY) 1.0131
Ring Spinning (CO2e g)	Cotton generic (ITALY) 101.6178
Warping (CO2e g)	Cotton generic (ITALY) 3.4445
Roving (Co2e g)	Cotton generic (ITALY) 8.4682
Dyeing (CO2e g)	Cotton generic (ITALY) 26.3403
Blowing (CO2e g)	Cotton generic (ITALY) 19.0533
Drawing (CO2e g)	Cotton generic (ITALY) 12.7022
Total	242.5017

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) 0.0022
Total	0.0022

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) 44.3683
Finishing Emissions (CO2g)	Cotton generic (UNITED KINGDOM) 27.0538
Laundry Emissions (CO2e g)	Cotton generic (UNITED KINGDOM) 27.0538
Washing & Drying Emissions	Cotton generic (UNITED KINGDOM) 3.9679
Total	102.4438

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

Leopard Velvet - Fabric Production

Process Name	Material
Heat Setting (CO2e g)	Cotton generic (ITALY) 0.0909
Coating (CO2e g)	Cotton generic (ITALY) 0
Bonding (CO2e g)	Cotton generic (ITALY) 0.1885
Weaving (CO2e g)	Cotton generic (ITALY) 86.317
Total	86.59639999999999

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

Plain Viscose Lining - Raw Material

Material	Percentage	CO2e per GRAM	Fabric Grams	CO2e Grams
Viscose generic	100%	14.54	103.1211	1499.3807
Total	100%	14.54	103.12	1499.38

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

Plain Viscose Lining - Yarn Production

Process Name	Material
Carding (CO2e g)	Viscose generic (ITALY) 12.8305
Winding (CO2e g)	Viscose generic (ITALY) 29.5102
Sizing (CO2e g)	Viscose generic (ITALY) 0.614
Ring Spinning (CO2e g)	Viscose generic (ITALY) 61.5866
Warping (CO2e g)	Viscose generic (ITALY) 2.0876
Roving (Co2e g)	Viscose generic (ITALY) 5.1322
Dyeing (CO2e g)	Viscose generic (ITALY) 15.9638
Blowing (CO2e g)	Viscose generic (ITALY) 11.5475
Drawing (CO2e g)	Viscose generic (ITALY) 7.6983
Total	146.9707

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

Plain Viscose Lining - Cutting & Stitching

Process Name	Material
Major cutting	Viscose generic (ITALY) 0.0017
Total	0.0017

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

Plain Viscose Lining - Garment Manufacturing

Process Name	Material
Garment dyeing (CO2e g)	Viscose generic (ITALY) 33.866
Finishing Emissions (CO2g)	Viscose generic (ITALY) 20.65
Laundry Emissions (CO2e g)	Viscose generic (ITALY) 20.65
Washing & Drying Emissions	Viscose generic (ITALY) 3.0287
Total	78.1947

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

Plain Viscose Lining - Fabric Production

Process Name	Material
Heat Setting (CO2e g)	Viscose generic (ITALY) 0.0551
Coating (CO2e g)	Viscose generic (ITALY) 0
Bonding (CO2e g)	Viscose generic (ITALY) 0.1143
Weaving (CO2e g)	Viscose generic (ITALY) 52.3133
Total	52.4827

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

Plain Viscose 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

TEMPERLEY T LOGO LINING - Raw Material

Material	Percentage	CO2e per GRAM	Fabric Grams	CO2e Grams
Viscose generic	100%	14.54	103.1211	1499.3807
Total	100%	14.54	103.12	1499.38

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) 26.5741
Winding (CO2e g)	Viscose generic (CHINA) 61.1204
Sizing (CO2e g)	Viscose generic (CHINA) 1.2717
Ring Spinning (CO2e g)	Viscose generic (CHINA) 127.5557
Warping (CO2e g)	Viscose generic (CHINA) 4.3237
Roving (Co2e g)	Viscose generic (CHINA) 10.6296
Dyeing (CO2e g)	Viscose generic (CHINA) 33.0637
Blowing (CO2e g)	Viscose generic (CHINA) 23.9167
Drawing (CO2e g)	Viscose generic (CHINA) 15.9445
Total	304.4001

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

TEMPERLEY T LOGO LINING - Cutting & Stitching

Process Name	Material
Major cutting	Viscose generic (ITALY) 0.0017
Total	0.0017

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) 33.866
Finishing Emissions (CO2g)	Viscose generic (ITALY) 20.65
Laundry Emissions (CO2e g)	Viscose generic (ITALY) 20.65
Washing & Drying Emissions	Viscose generic (ITALY) 3.0287
Total	78.1947

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

TEMPERLEY T LOGO LINING - Fabric Production

Process Name	Material
Heat Setting (CO2e g)	Viscose generic (UNITED KINGDOM) 0.0437
Coating (CO2e g)	Viscose generic (UNITED KINGDOM) 0
Bonding (CO2e g)	Viscose generic (UNITED KINGDOM) 0.0907
Weaving (CO2e g)	Viscose generic (UNITED KINGDOM) 41.5372
Total	41.6716

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	UNITED KINGDOM	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

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