

Product Carbon Footprint Calculation Results

07/16/2025 - 15:24

Product	SKU
DRESSES	25AWMLE54884A

Layer	Gender	Wastage Percentage
Tops	Women	5%

Property Name	Property Value	SQM
Upper body length	regular	0.6
Fit	regular	0
Sleeves	short	0.09
Neck	boat	-0.045
EU SIZE	S woman	0.1935085228292251

Layer	Gender	Wastage Percentage
Skirts	Women	5%

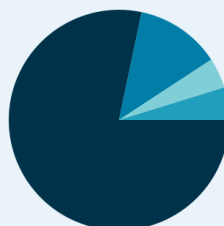
Property Name	Property Value	SQM
Length	long	0.69
Shape	tulle	484
Rise	regular	0
EU SIZE	S woman	0.1935085228292251

Total Carbon Footprint

11.2 kg CO₂e

Estimated Offsetting Cost In EUR *

1.12 €



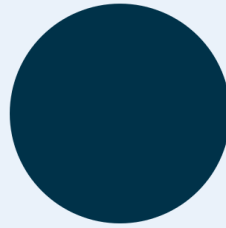
- Raw Material (78.30%)
- Yarn Production (12.47%)
- Fabric Production (4.45%)
- Cutting & Stitching (0.00%)
- Garment Manufacturing (4.78%)
- Finishing & Packaging (0.00%)

Raw Material Carbon Footprint

8.77 kg CO₂e

Estimated Offsetting Cost In EUR *

0.88 €



● Raw Material (100%)

Transportation Carbon Footprint

0 kg CO₂e

Estimated Offsetting Cost In EUR *

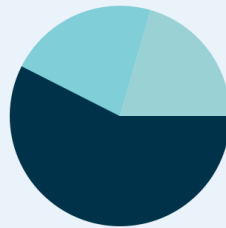
0 €

Process Carbon Footprint

2.43 kg CO₂e

Estimated Offsetting Cost In EUR *

0.24 €



● Yarn Production (57.49%)
● Cutting & Stitching (0.00%)
● Garment Manufacturing (22.01%)
● Fabric Production (20.53%)
● Finishing & Packaging (0.00%)

* Current Average Market Value Of High Quality Carbon Credit

Phases country risk

Layer	Production Phase	Country	Country Risk / Provider
Brezza Tulle	Raw Material	ITALY	Moderate Risk
Brezza Tulle	Yarn Production	ITALY	Moderate Risk
Brezza Tulle	Fabric Production	ITALY	Moderate Risk
Brezza Tulle	Cutting & Stitching	INDIA	High Risk
Brezza Tulle	Garment Manufacturing	INDIA	High Risk
Brezza Tulle	Finishing & Packaging	INDIA	High Risk
22mm Viscose Silk Stretch Double Georgette	Raw Material	CHINA	High Risk
22mm Viscose Silk Stretch Double Georgette	Yarn Production	CHINA	High Risk
22mm Viscose Silk Stretch Double Georgette	Fabric Production	CHINA	High Risk
22mm Viscose Silk Stretch Double Georgette	Cutting & Stitching	ITALY	Moderate Risk
22mm Viscose Silk Stretch Double Georgette	Garment Manufacturing	ITALY	Moderate Risk

Layer	Production Phase	Country	Country Risk / Provider
22mm Viscose Silk Stretch Double Georgette	Finishing & Packaging	ITALY	Moderate Risk
Small Dot Tulle	Raw Material	INDIA	High Risk
Small Dot Tulle	Yarn Production	INDIA	High Risk
Small Dot Tulle	Fabric Production	INDIA	High Risk
Small Dot Tulle	Cutting & Stitching	ITALY	Moderate Risk
Small Dot Tulle	Garment Manufacturing	ITALY	Moderate Risk
Small Dot Tulle	Finishing & Packaging	ITALY	Moderate Risk

Water Footprint & Land Impact Summary

Production Phase	Green Water (liters)	Blue Water (liters)	Grey Water (liters)
Raw Material	3919.21	398.36	2082.32
Yarn Production	0	318.69	1457.63
Fabric Production	0	298.89	1561.74
Garment Manufacturing	0	482.65	2700.55
Total (Liters)	3919.21	1498.59	7802.24

Land Impact Summary	
Total Land Use (m2)	0.03

Brezza Tulle - Raw Material

Material	Percentage	CO2e per GRAM	Fabric Grams	CO2e Grams
Polyamide	100%	4.6	114.5549	526.9525
Total	100%	4.6	114.55	526.95

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Polyamide	ITALY	ITALY		0
Total				0

Brezza Tulle - Yarn Production

Process Name	Material
Carding (CO2e g)	Polyamide (ITALY) 14.2531
Winding (CO2e g)	Polyamide (ITALY) 32.7822
Sizing (CO2e g)	Polyamide (ITALY) 0.6821
Ring Spinning (CO2e g)	Polyamide (ITALY) 68.4151
Warping (CO2e g)	Polyamide (ITALY) 2.319
Roving (Co2e g)	Polyamide (ITALY) 5.7013
Dyeing (CO2e g)	Polyamide (ITALY) 17.7339
Blowing (CO2e g)	Polyamide (ITALY) 12.8278
Drawing (CO2e g)	Polyamide (ITALY) 8.5519
Total	163.26639999999998

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Polyamide	ITALY	ITALY		0
Total				0

Brezza Tulle - Cutting & Stitching

Process Name	Material
Major cutting	Polyamide (INDIA) 0.0054
Total	0.0054

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Polyamide	INDIA	INDIA		0
Total				0

Brezza Tulle - Garment Manufacturing

Process Name	Material
Garment dyeing (CO2e g)	Polyamide (INDIA) 109.3404
Finishing Emissions (CO2g)	Polyamide (INDIA) 66.671
Laundry Emissions (CO2e g)	Polyamide (INDIA) 66.671
Washing & Drying Emissions	Polyamide (INDIA) 9.7784
Total	252.46080000000003

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Polyamide	INDIA	INDIA		0
Total				0

Production Group	Process Name	Country	CO2e	Value
Addition	Zip (cm)	INDIA	0.5724	60

Brezza Tulle - Fabric Production

Process Name	Material
Heat Setting (CO2e g)	Polyamide (ITALY) 0.0612
Coating (CO2e g)	Polyamide (ITALY) 0
Bonding (CO2e g)	Polyamide (ITALY) 0.1269
Weaving (CO2e g)	Polyamide (ITALY) 58.1137
Total	58.3018

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Polyamide	ITALY	INDIA	Truck/Heavy goods vehicle - 0 Aircraft - 0	0
Total				0

Brezza Tulle - Finishing & Packaging

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Polyamide	INDIA	INDIA		0
Total				0

Production Group	Process Name	Country	CO2e	Value
---	Plastic Hanger	INDIA	0.1209	1

22mm Viscose Silk Stretch Double Georgette - Raw Material

Material	Percentage	CO2e per GRAM	Fabric Grams	CO2e Grams
Silk generic	54%	52.5	108.2544	5683.3551
Viscose generic	40%	14.54	114.5549	1665.6283
Elastane generic	6%	10.7	34.3665	367.7212
Total	100%	77.74	257.18	7716.7

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

22mm Viscose Silk Stretch Double Georgette - Yarn Production

Process Name	Material		
Carding (CO2e g)	Silk generic (CHINA) 27.8969	Viscose generic (CHINA) 29.5206	Elastane generic (CHINA) 8.8562
Winding (CO2e g)	Silk generic (CHINA) 64.163	Viscose generic (CHINA) 67.8973	Elastane generic (CHINA) 20.3692
Sizing (CO2e g)	Silk generic (CHINA) 1.335	Viscose generic (CHINA) 1.4127	Elastane generic (CHINA) 0.4238
Ring Spinning (CO2e g)	Silk generic (CHINA) 133.9053	Viscose generic (CHINA) 141.6987	Elastane generic (CHINA) 42.5096
Warping (CO2e g)	Silk generic (CHINA) 4.5389	Viscose generic (CHINA) 4.8031	Elastane generic (CHINA) 1.4409
Roving (Co2e g)	Silk generic (CHINA) 11.1588	Viscose generic (CHINA) 11.8082	Elastane generic (CHINA) 3.5425
Dyeing (CO2e g)	Silk generic (CHINA) 34.7095	Viscose generic (CHINA) 36.7297	Elastane generic (CHINA) 11.0189
Blowing (CO2e g)	Silk generic (CHINA) 25.1072	Viscose generic (CHINA) 26.5685	Elastane generic (CHINA) 7.9706
Drawing (CO2e g)	Silk generic (CHINA) 16.7382	Viscose generic (CHINA) 17.7123	Elastane generic (CHINA) 5.3137
Total	319.5528	338.15110000000004	101.4454

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

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Total				0

22mm Viscose Silk Stretch Double Georgette - Cutting & Stitching

Process Name	Material		
Major cutting	Silk generic (ITALY) 0.0018	Viscose generic (ITALY) 0.0019	Elastane generic (ITALY) 0.0006
Total	0.0018	0.0019	0.0006

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

22mm Viscose Silk Stretch Double Georgette - Garment Manufacturing

Process Name	Material		
Garment dyeing (CO2e g)	Silk generic (ITALY) 35.5518	Viscose generic (ITALY) 37.621	Elastane generic (ITALY) 11.2863
Finishing Emissions (CO2g)	Silk generic (ITALY) 21.6779	Viscose generic (ITALY) 22.9396	Elastane generic (ITALY) 6.8819
Laundry Emissions (CO2e g)	Silk generic (ITALY) 21.6779	Viscose generic (ITALY) 22.9396	Elastane generic (ITALY) 6.8819
Washing & Drying Emissions	Silk generic (ITALY) 3.1794	Viscose generic (ITALY) 3.3645	Elastane generic (ITALY) 1.0093
Total	82.087	86.86470000000001	26.0594

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

Production Group	Process Name	Country	CO2e	Value
Addition	Zip (cm)	INDIA	0.5724	60

22mm Viscose Silk Stretch Double Georgette - Fabric Production

Process Name	Material		
Heat Setting (CO2e g)	Silk generic (CHINA) 0.1197	Viscose generic (CHINA) 0.1267	Elastane generic (CHINA) 0.038
Coating (CO2e g)	Silk generic (CHINA) 0	Viscose generic (CHINA) 0	Elastane generic (CHINA) 0
Bonding (CO2e g)	Silk generic (CHINA) 0.2484	Viscose generic (CHINA) 0.2629	Elastane generic (CHINA) 0.0789

Process Name	Material		
Weaving (CO2e g)	Silk generic (CHINA) 113.7429	Viscose generic (CHINA) 120.3628	Elastane generic (CHINA) 36.1089
Total	114.111	120.7524	36.2258

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

22mm Viscose Silk Stretch Double Georgette - Finishing & Packaging

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

Production Group	Process Name	Country	CO2e	Value
---	Plastic Hanger	INDIA	0.1209	1

Small Dot Tulle - Raw Material

Material	Percentage	CO2e per GRAM	Fabric Grams	CO2e Grams
Polyamide	100%	4.6	114.5549	526.9525
Total	100%	4.6	114.55	526.95

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Polyamide	INDIA	INDIA		0
Total				0

Small Dot Tulle - Yarn Production

Process Name	Material
Carding (CO2e g)	Polyamide (INDIA) 41.4249
Winding (CO2e g)	Polyamide (INDIA) 95.2772
Sizing (CO2e g)	Polyamide (INDIA) 1.9823
Ring Spinning (CO2e g)	Polyamide (INDIA) 198.8394
Warping (CO2e g)	Polyamide (INDIA) 6.74

Process Name	Material
Roving (CO2e g)	Polyamide (INDIA) 16.57
Dyeing (CO2e g)	Polyamide (INDIA) 51.5411
Blowing (CO2e g)	Polyamide (INDIA) 37.2824
Drawing (CO2e g)	Polyamide (INDIA) 24.8549
Total	474.5122

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Polyamide	INDIA	INDIA		0
Total				0

Small Dot Tulle - Cutting & Stitching

Process Name	Material
Major cutting	Polyamide (ITALY) 0.0019
Total	0.0019

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Polyamide	ITALY	ITALY		0
Total				0

Small Dot Tulle - Garment Manufacturing

Process Name	Material
Garment dyeing (CO2e g)	Polyamide (ITALY) 37.621
Finishing Emissions (CO2g)	Polyamide (ITALY) 22.9396
Laundry Emissions (CO2e g)	Polyamide (ITALY) 22.9396
Washing & Drying Emissions	Polyamide (ITALY) 3.3645
Total	86.86470000000001

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Polyamide	ITALY	ITALY		0
Total				0

Production Group	Process Name	Country	CO2e	Value
Addition	Zip (cm)	INDIA	0.5724	60

Small Dot Tulle - Fabric Production

Process Name	Material
Heat Setting (CO2e g)	Polyamide (INDIA) 0.1778
Coating (CO2e g)	Polyamide (INDIA) 0
Bonding (CO2e g)	Polyamide (INDIA) 0.3689
Weaving (CO2e g)	Polyamide (INDIA) 168.8997
Total	169.44639999999998

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Polyamide	INDIA	ITALY	Truck/Heavy goods vehicle - 0 Aircraft - 0	0
Total				0

Small Dot Tulle - Finishing & Packaging

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Polyamide	ITALY	ITALY		0
Total				0

Production Group	Process Name	Country	CO2e	Value
---	Plastic Hanger	INDIA	0.1209	1

Final Transportation

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

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