



Product Carbon Footprint Calculation Results

02/03/2025 - 16:16

Product	SKU
DRESSES	BENOTO MINI DRESS

Layer	Gender	Wastage Percentage
Tops	Women	5%

Property Name	Property Value	SQM
Upper body length	regular	0.6
Fit	regular	0
Sleeves	no sleeves	0
Neck	v neck	-0.016
EU SIZE	L woman	0.19897744204083448

Layer	Gender	Wastage Percentage
Skirts	Women	5%

Property Name	Property Value	SQM
Length	short	0.3657
Shape	circle	324
Rise	regular	0
EU SIZE	L woman	0.19897744204083448

External - Raw Material

Material	Percentage	CO2e per GRAM	Fabric Grams	CO2e Grams
Cotton generic	64%	2.62	186.2436	487.9582
Viscose generic	30%	14.54	52.9101	769.313
Polyester Italy	6%	4.1	11.6402	47.7249
Total	100%	21.26	250.79	1305

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

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Polyester Italy	ITALY	ITALY		0
Total				0

External - Yarn Production

Process Name	Material		
Carding (CO2e g)	Cotton generic (ITALY) 23.1728	Viscose generic (ITALY) 6.5832	Polyester Italy (ITALY) 1.4483
Winding (CO2e g)	Cotton generic (ITALY) 53.2974	Viscose generic (ITALY) 15.1413	Polyester Italy (ITALY) 3.3311
Sizing (CO2e g)	Cotton generic (ITALY) 1.1089	Viscose generic (ITALY) 0.315	Polyester Italy (ITALY) 0.0693
Ring Spinning (CO2e g)	Cotton generic (ITALY) 111.2294	Viscose generic (ITALY) 31.5993	Polyester Italy (ITALY) 6.9518
Warping (CO2e g)	Cotton generic (ITALY) 3.7703	Viscose generic (ITALY) 1.0711	Polyester Italy (ITALY) 0.2356
Roving (Co2e g)	Cotton generic (ITALY) 9.2691	Viscose generic (ITALY) 2.6333	Polyester Italy (ITALY) 0.5793
Yarn Production - Dyeing (CO2e g)	Cotton generic (ITALY) 28.8317	Viscose generic (ITALY) 8.1908	Polyester Italy (ITALY) 1.802
Blowing (CO2e g)	Cotton generic (ITALY) 20.8555	Viscose generic (ITALY) 5.9249	Polyester Italy (ITALY) 1.3035
Drawing (CO2e g)	Cotton generic (ITALY) 13.9037	Viscose generic (ITALY) 3.9499	Polyester Italy (ITALY) 0.869
Total	265.4388	75.4088	16.5899

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

External - Cutting & Stitching

Process Name	Material		
Major cutting	Cotton generic (POLAND) 0.006	Viscose generic (POLAND) 0.0017	Polyester Italy (POLAND) 0.0004
Total	0.006	0.0017	0.0004

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Cotton generic	POLAND	POLAND		0
Viscose generic	POLAND	POLAND		0
Polyester Italy	POLAND	POLAND		0
Total				0

External - Fabric Production

Process Name	Material		
Heat Setting (CO2e g)	Cotton generic (ITALY) 0.0995	Viscose generic (ITALY) 0.0283	Polyester Italy (ITALY) 0.0062
Weaving (CO2e g)	Cotton generic (ITALY) 94.4814	Viscose generic (ITALY) 26.8413	Polyester Italy (ITALY) 5.9051
Total	94.5809	26.869600000000002	5.9113

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

External - Garment Manufacturing

Process Name	Material		
Finishing Emissions (CO2g)	Cotton generic (POLAND) 74.3112	Viscose generic (POLAND) 21.1111	Polyester Italy (POLAND) 4.6444
Laundry Emissions (CO2e g)	Cotton generic (POLAND) 74.3112	Viscose generic (POLAND) 21.1111	Polyester Italy (POLAND) 4.6444
Washing & Drying Emissions	Cotton generic (POLAND) 10.899	Viscose generic (POLAND) 3.0963	Polyester Italy (POLAND) 0.6812
Total	159.5214	45.3185	9.97

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Cotton generic	POLAND	POLAND		0
Viscose generic	POLAND	POLAND		0
Polyester Italy	POLAND	POLAND		0
Total				0

Production Group	Process Name	Country	CO2e	Value
Addition	Button Metal Medium Size	POLAND	0.4372	11

External - Finishing & Packaging

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Cotton generic	POLAND	POLAND		0
Viscose generic	POLAND	POLAND		0
Polyester Italy	POLAND	POLAND		0
Total				0

Production Group	Process Name	Country	CO2e	Value
---	Plastic Hanger	POLAND	0.0829	1

Fabric_2 - Raw Material

Material	Percentage	CO2e per GRAM	Fabric Grams	CO2e Grams
Cotton generic	100%	2.62	291.0056	762.4347
Total	100%	2.62	291.01	762.43

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

Fabric_2 - Yarn Production

Process Name	Material
Carding (CO2e g)	Cotton generic (ITALY) 36.2075
Winding (CO2e g)	Cotton generic (ITALY) 83.2773
Sizing (CO2e g)	Cotton generic (ITALY) 1.7327
Ring Spinning (CO2e g)	Cotton generic (ITALY) 173.796
Warping (CO2e g)	Cotton generic (ITALY) 5.8911
Roving (Co2e g)	Cotton generic (ITALY) 14.483
Yarn Production - Dyeing (CO2e g)	Cotton generic (ITALY) 45.0496
Blowing (CO2e g)	Cotton generic (ITALY) 32.5868
Drawing (CO2e g)	Cotton generic (ITALY) 21.7245
Total	414.7485

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

Fabric_2 - Cutting & Stitching

Process Name	Material
Major cutting	Cotton generic (POLAND) 0.0094
Total	0.0094

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

Fabric_2 - Fabric Production

Process Name	Material
Heat Setting (CO2e g)	Cotton generic (ITALY) 0.1554
Weaving (CO2e g)	Cotton generic (ITALY) 147.6271

Process Name	Material
Total	147.7825

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

Fabric_2 - Garment Manufacturing

Process Name	Material
Finishing Emissions (CO2g)	Cotton generic (POLAND) 116.1112
Laundry Emissions (CO2e g)	Cotton generic (POLAND) 116.1112
Washing & Drying Emissions	Cotton generic (POLAND) 17.0296
Total	249.25199999999998

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

Production Group	Process Name	Country	CO2e	Value
Addition	Button Metal Medium Size	POLAND	0.4372	11

Fabric_2 - Finishing & Packaging

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

Production Group	Process Name	Country	CO2e	Value
---	Plastic Hanger	POLAND	0.0829	1

Final Transportation

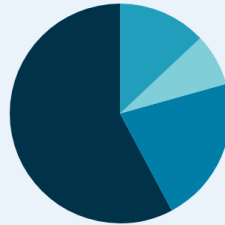
Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Cotton generic	POLAND	UNITED KINGDOM	AIR - 0	0
Viscose generic	POLAND	UNITED KINGDOM	AIR - 0	0
Polyester Italy	POLAND	UNITED KINGDOM	AIR - 0	0
Total				0

Total Carbon Footprint

3.58 kg CO₂e

Estimated Offsetting Cost In EUR *

0.36 €



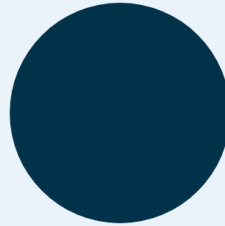
- Raw Material (57.82%)
- Yarn Production (21.57%)
- Fabric Production (7.69%)
- Cutting & Stitching (0.00%)
- Garment Manufacturing (12.97%)
- Finishing & Packaging (0.00%)

Raw Material Carbon Footprint

2.07 kg CO₂e

Estimated Offsetting Cost In EUR *

0.21 €



- Raw Material (100%)

Transportation Carbon Footprint

0 kg CO₂e

Estimated Offsetting Cost In EUR *

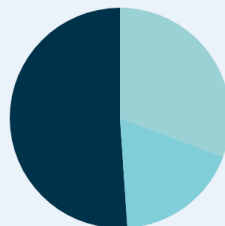
0 €

Process Carbon Footprint

1.51 kg CO₂e

Estimated Offsetting Cost In EUR *

0.15 €



- Yarn Production (51.14%)
- Cutting & Stitching (0.00%)
- Fabric Production (18.22%)
- Garment Manufacturing (30.76%)
- Finishing & Packaging (0.01%)

* Current Average Market Value Of High Quality Carbon Credit

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