Product Carbon Footprint Calculation Results

02/03/2025 - 16:16

Product	SKU
DRESSES	SELENA SLIP DRESS

Layer	Gender	Wastage Percentage
Tops	Women	5%

Property Name	Property Value	SQM
Upper body length	regular	0.6
Fit	slim	1.44
Sleeves	no sleeves	0
Neck	off shoulder	-0.095
EU SIZE	L woman	0.19897744204083448

Layer	Gender	Wastage Percentage
Skirts	Women	5%

Property Name	Property Value	SQM
Length	calf	0.5658
Shape	tube straight	0
Rise	regular	0
EU SIZE	L woman	0.19897744204083448

External - Raw Material

Material	Percentage	CO2e per GRAM	Fabric Grams	CO2e Grams
Viscose generic	100%	14.54	109.5521	1592.8876
Total	**100%**	**14.54**	**109.55**	**1592.89**

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

External - Yarn Production

Process Name	Material
Carding (CO2e g)	Viscose generic (INDIA) 39.6158
Winding (CO2e g)	Viscose generic (INDIA) 91.1163
Sizing (CO2e g)	Viscose generic (INDIA) 1.8958
Ring Spinning (CO2e g)	Viscose generic (INDIA) 190.1558
Warping (CO2e g)	Viscose generic (INDIA) 6.4456
Roving (Co2e g)	Viscose generic (INDIA) 15.8463
Yarn Production - Dyeing (CO2e g)	Viscose generic (INDIA) 49.2902
Blowing (CO2e g)	Viscose generic (INDIA) 35.6542
Drawing (CO2e g)	Viscose generic (INDIA) 23.7695
Total	**453.78950000000003**

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

External - Cutting & Stitching

Process Name	Material
Major cutting	Viscose generic (INDIA) 0.0052
Total	**0.0052**

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

External - Fabric Production

Process Name	Material
Heat Setting (CO2e g)	Viscose generic (INDIA) 0.17
Weaving (CO2e g)	Viscose generic (INDIA) 161.5236
Total	**161.69359999999998**

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

External - Garment Manufacturing

Process Name	Material
Finishing Emissions (CO2g)	Viscose generic (INDIA) 63.7593
Laundry Emissions (CO2e g)	Viscose generic (INDIA) 63.7593
Washing & Drying Emissions	Viscose generic (INDIA) 9.3514
Total	**136.87**

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

External - Finishing & Packaging

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

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

Fabric_2 - Raw Material

Material	Percentage	CO2e per GRAM	Fabric Grams	CO2e Grams
Viscose generic	100%	14.54	109.5521	1592.8876
Total	**100%**	**14.54**	**109.55**	**1592.89**

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

Fabric_2 - Yarn Production

Process Name	Material
Carding (CO2e g)	Viscose generic (INDIA) 39.6158
Winding (CO2e g)	Viscose generic (INDIA) 91.1163
Sizing (CO2e g)	Viscose generic (INDIA) 1.8958
Ring Spinning (CO2e g)	Viscose generic (INDIA) 190.1558
Warping (CO2e g)	Viscose generic (INDIA) 6.4456
Roving (Co2e g)	Viscose generic (INDIA) 15.8463
Yarn Production - Dyeing (CO2e g)	Viscose generic (INDIA) 49.2902
Blowing (CO2e g)	Viscose generic (INDIA) 35.6542
Drawing (CO2e g)	Viscose generic (INDIA) 23.7695
Total	**453.78950000000003**

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

Fabric_2 - Cutting & Stitching

Process Name	Material
Major cutting	Viscose generic (INDIA) 0.0052
Total	**0.0052**

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

Fabric_2 - Fabric Production

Process Name	Material
Heat Setting (CO2e g)	Viscose generic (INDIA) 0.17
Weaving (CO2e g)	Viscose generic (INDIA) 161.5236
Total	**161.69359999999998**

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

Fabric_2 - Garment Manufacturing

Process Name	Material
Finishing Emissions (CO2g)	Viscose generic (INDIA) 63.7593
Laundry Emissions (CO2e g)	Viscose generic (INDIA) 63.7593
Washing & Drying Emissions	Viscose generic (INDIA) 9.3514
Total	**136.87**

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

Fabric_2 - Finishing & Packaging

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

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

Fabric_3 - Raw Material

Material	Percentage	CO2e per GRAM	Fabric Grams	CO2e Grams
Silk India	100%	80.9	76.6865	6203.9356
Total	**100%**	**80.9**	**76.69**	**6203.94**

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Silk India	INDIA	INDIA		0
Total				**0**

Fabric_3 - Yarn Production

Process Name	Material
Carding (CO2e g)	Silk India (INDIA) 27.7311
Winding (CO2e g)	Silk India (INDIA) 63.7814
Sizing (CO2e g)	Silk India (INDIA) 1.327
Ring Spinning (CO2e g)	Silk India (INDIA) 133.1091
Warping (CO2e g)	Silk India (INDIA) 4.5119
Roving (Co2e g)	Silk India (INDIA) 11.0924
Yarn Production - Dyeing (CO2e g)	Silk India (INDIA) 34.5031
Blowing (CO2e g)	Silk India (INDIA) 24.9579
Drawing (CO2e g)	Silk India (INDIA) 16.6386
Total	**317.6525**

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Silk India	INDIA	INDIA		0
Total				**0**

Fabric_3 - Fabric Production

Process Name	Material
Heat Setting (CO2e g)	Silk India (INDIA) 0.119
Weaving (CO2e g)	Silk India (INDIA) 113.0665
Total	**113.1855**

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Silk India	INDIA	INDIA		0
Total				**0**

Fabric_3 - Garment Manufacturing

Process Name	Material
Finishing Emissions (CO2g)	Silk India (INDIA) 44.6315
Laundry Emissions (CO2e g)	Silk India (INDIA) 44.6315
Washing & Drying Emissions	Silk India (INDIA) 6.546
Total	**95.80900000000001**

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Silk India	INDIA	INDIA		0
Total				**0**

Fabric_3 - Finishing & Packaging

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Silk India	INDIA	INDIA		0
Total				**0**

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

Final Transportation

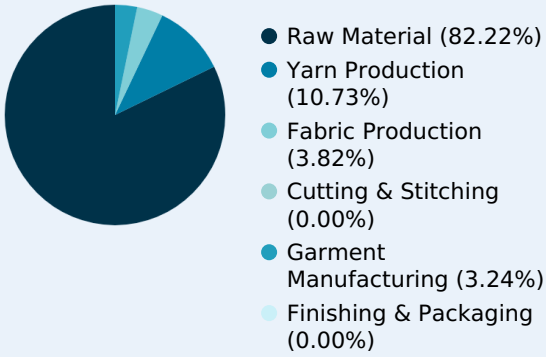
Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	INDIA	UNITED KINGDOM	AIR - 0	0
Total				**0**

Total Carbon Footprint

11.42 kg CO_2e

Estimated Offsetting Cost In EUR *

1.14 €

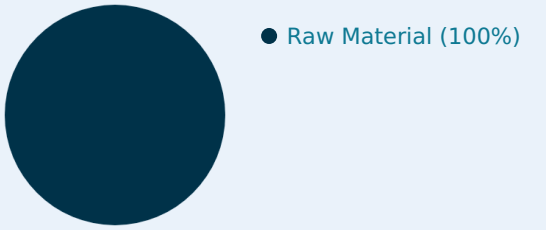


Raw Material Carbon Footprint

9.39 kg CO_2e

Estimated Offsetting Cost In EUR *

0.94 €



Transportation Carbon Footprint

0 kg CO_2e

Estimated Offsetting Cost In EUR *

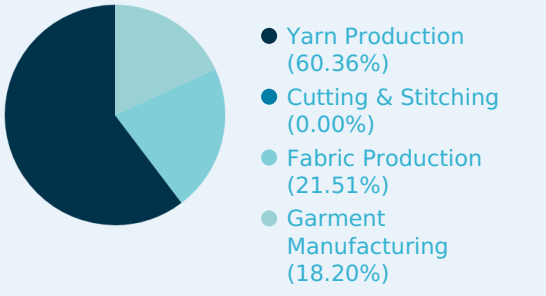
0 €

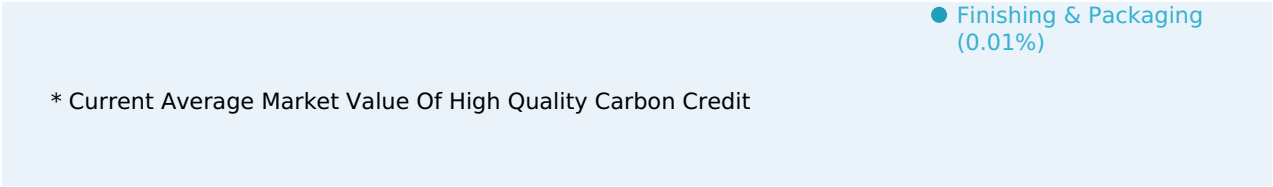
Process Carbon Footprint

2.03 kg CO_2e

Estimated Offsetting Cost In EUR *

0.2 €





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