



# Product Carbon Footprint Calculation Results

02/04/2025 - 15:45

Product	SKU
DRESSES	ALANI 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	open back	-0.032
EU SIZE	L woman	0.19897744204083448

Layer	Gender	Wastage Percentage
Skirts	Women	5%

Property Name	Property Value	SQM
Length	calf	0.5658
Shape	tulle	484
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	252.9921	3678.505
<b>Total</b>	<b>100%</b>	<b>14.54</b>	<b>252.99</b>	<b>3678.5</b>

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	INDIA	INDIA		0
<b>Total</b>				<b>0</b>

## External - Yarn Production

Process Name	Material
Carding (CO2e g)	Viscose generic (INDIA) 91.486
Winding (CO2e g)	Viscose generic (INDIA) 210.4178
Sizing (CO2e g)	Viscose generic (INDIA) 4.378
Ring Spinning (CO2e g)	Viscose generic (INDIA) 439.1327
Warping (CO2e g)	Viscose generic (INDIA) 14.8851
Roving (Co2e g)	Viscose generic (INDIA) 36.5944
Yarn Production - Dyeing (CO2e g)	Viscose generic (INDIA) 113.8274
Blowing (CO2e g)	Viscose generic (INDIA) 82.3374
Drawing (CO2e g)	Viscose generic (INDIA) 54.8916
<b>Total</b>	<b>1047.9504</b>

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	INDIA	INDIA		0
<b>Total</b>				<b>0</b>

## External - Cutting & Stitching

Process Name	Material
Major cutting	Viscose generic (INDIA) 0.0119
<b>Total</b>	<b>0.0119</b>

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	INDIA	INDIA		0
<b>Total</b>				<b>0</b>

## External - Fabric Production

Process Name	Material
Heat Setting (CO2e g)	Viscose generic (INDIA) 0.3926
Weaving (CO2e g)	Viscose generic (INDIA) 373.0115
<b>Total</b>	<b>373.4041</b>

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	INDIA	INDIA		0
<b>Total</b>				<b>0</b>

## External - Garment Manufacturing

Process Name	Material
Finishing Emissions (CO2g)	Viscose generic (INDIA) 147.2414
Laundry Emissions (CO2e g)	Viscose generic (INDIA) 147.2414
Washing & Drying Emissions	Viscose generic (INDIA) 21.5954
<b>Total</b>	<b>316.0782</b>

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	INDIA	INDIA		0
<b>Total</b>				<b>0</b>

Production Group	Process Name	Country	CO2e	Value
Addition	Paillettes (unit)	INDIA	0.0299	40
Addition	Zip (cm)	INDIA	0.1908	20

## External - Finishing & Packaging

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	INDIA	INDIA		0
<b>Total</b>				<b>0</b>

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	252.9921	3678.505
<b>Total</b>	<b>100%</b>	<b>14.54</b>	<b>252.99</b>	<b>3678.5</b>

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	INDIA	INDIA		0
<b>Total</b>				<b>0</b>

## Fabric\_2 - Yarn Production

Process Name	Material
Carding (CO2e g)	Viscose generic (INDIA) 91.486
Winding (CO2e g)	Viscose generic (INDIA) 210.4178
Sizing (CO2e g)	Viscose generic (INDIA) 4.378
Ring Spinning (CO2e g)	Viscose generic (INDIA) 439.1327
Warping (CO2e g)	Viscose generic (INDIA) 14.8851
Roving (Co2e g)	Viscose generic (INDIA) 36.5944
Yarn Production - Dyeing (CO2e g)	Viscose generic (INDIA) 113.8274
Blowing (CO2e g)	Viscose generic (INDIA) 82.3374
Drawing (CO2e g)	Viscose generic (INDIA) 54.8916
<b>Total</b>	<b>1047.9504</b>

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	INDIA	INDIA		0
<b>Total</b>				<b>0</b>

## Fabric\_2 - Cutting & Stitching

Process Name	Material
Major cutting	Viscose generic (INDIA) 0.0119
<b>Total</b>	<b>0.0119</b>

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	INDIA	INDIA		0
<b>Total</b>				<b>0</b>

## Fabric\_2 - Fabric Production

Process Name	Material
Heat Setting (CO2e g)	Viscose generic (INDIA) 0.3926
Weaving (CO2e g)	Viscose generic (INDIA) 373.0115
<b>Total</b>	<b>373.4041</b>

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	INDIA	INDIA		0
<b>Total</b>				<b>0</b>

## Fabric\_2 - Garment Manufacturing

Process Name	Material
Finishing Emissions (CO2g)	Viscose generic (INDIA) 147.2414
Laundry Emissions (CO2e g)	Viscose generic (INDIA) 147.2414
Washing & Drying Emissions	Viscose generic (INDIA) 21.5954
<b>Total</b>	<b>316.0782</b>

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	INDIA	INDIA		0
<b>Total</b>				<b>0</b>

Production Group	Process Name	Country	CO2e	Value
Addition	Paillettes (unit)	INDIA	0.0299	40
Addition	Zip (cm)	INDIA	0.1908	20

## Fabric\_2 - Finishing & Packaging

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	INDIA	INDIA		0
<b>Total</b>				<b>0</b>

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

## Final Transportation

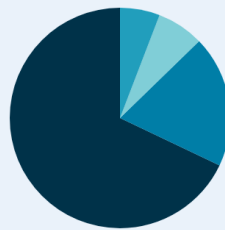
Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	INDIA	UNITED KINGDOM	AIR - 0	0
<b>Total</b>				<b>0</b>

### Total Carbon Footprint

**10.84** kg CO<sub>2</sub>e

Estimated Offsetting Cost In EUR \*

**1.08** €



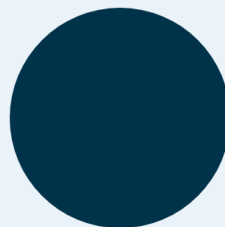
- Raw Material (67.90%)
- Yarn Production (19.33%)
- Fabric Production (6.89%)
- Cutting & Stitching (0.00%)
- Garment Manufacturing (5.83%)
- Finishing & Packaging (0.00%)

### Raw Material Carbon Footprint

**7.36** kg CO<sub>2</sub>e

Estimated Offsetting Cost In EUR \*

**0.74** €



- Raw Material (100%)

### Transportation Carbon Footprint

**0** kg CO<sub>2</sub>e

Estimated Offsetting Cost In EUR \*

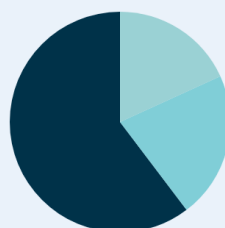
**0** €

### Process Carbon Footprint

**3.48** kg CO<sub>2</sub>e

Estimated Offsetting Cost In EUR \*

**0.35** €



- Yarn Production (60.23%)
- Cutting & Stitching (0.00%)
- Fabric Production (21.46%)
- Garment Manufacturing (18.17%)
- Finishing & Packaging (0.00%)

\* Current Average Market Value Of High Quality Carbon Credit

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