



Product Carbon Footprint Calculation Results

02/03/2025 - 16:16

Product	SKU	Gender	Wastage Percentage
SKIRTS	SELENA SKIRT	Women	5%

Property Name	Property Value	SQM
Length	knees	0.4761
Rise	regular	0
Shape	circle	324
EU SIZE	L woman	0.1893861454046681

External - Raw Material

Material	Percentage	CO2e per GRAM	Fabric Grams	CO2e Grams
Viscose generic	100%	14.54	146.0648	2123.7827
Total	100%	14.54	146.06	2123.78

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) 52.8194
Winding (CO2e g)	Viscose generic (INDIA) 121.4846
Sizing (CO2e g)	Viscose generic (INDIA) 2.5276
Ring Spinning (CO2e g)	Viscose generic (INDIA) 253.533
Warping (CO2e g)	Viscose generic (INDIA) 8.5939
Roving (Co2e g)	Viscose generic (INDIA) 21.1278
Yarn Production - Dyeing (CO2e g)	Viscose generic (INDIA) 65.7182
Blowing (CO2e g)	Viscose generic (INDIA) 47.5374
Drawing (CO2e g)	Viscose generic (INDIA) 31.6916
Total	605.0335

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) 0.0069
Total	0.0069

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) 0.2267
Weaving (CO2e g)	Viscose generic (INDIA) 215.358
Total	215.5847

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) 85.0097
Laundry Emissions (CO2e g)	Viscose generic (INDIA) 85.0097
Washing & Drying Emissions	Viscose generic (INDIA) 12.4681
Total	182.48749999999998

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

Production Group	Process Name	Country	CO2e	Value
Addition	Swarovski (10grams/unit)	INDIA	0.7417	10

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	146.0648	2123.7827
Total	100%	14.54	146.06	2123.78

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) 52.8194
Winding (CO2e g)	Viscose generic (INDIA) 121.4846
Sizing (CO2e g)	Viscose generic (INDIA) 2.5276
Ring Spinning (CO2e g)	Viscose generic (INDIA) 253.533
Warping (CO2e g)	Viscose generic (INDIA) 8.5939
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Blowing (CO2e g)	Viscose generic (INDIA) 47.5374
Drawing (CO2e g)	Viscose generic (INDIA) 31.6916
Total	605.0335

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) 0.0069
Total	0.0069

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) 0.2267
Weaving (CO2e g)	Viscose generic (INDIA) 215.358

Process Name	Material
Total	215.5847

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) 85.0097
Laundry Emissions (CO2e g)	Viscose generic (INDIA) 85.0097
Washing & Drying Emissions	Viscose generic (INDIA) 12.4681
Total	182.48749999999998

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

Production Group	Process Name	Country	CO2e	Value
Addition	Swarovski (10grams/unit)	INDIA	0.7417	10

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

Final Transportation

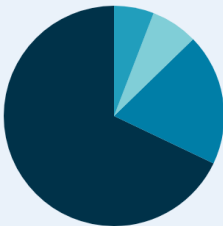
Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	INDIA	UNITED KINGDOM	AIR - 0	0
Total				0

Total Carbon Footprint

6.26 kg CO₂e

Estimated Offsetting Cost In EUR *

0.63 €



- Raw Material (67.89%)
- Yarn Production (19.33%)
- Fabric Production (6.89%)
- Cutting & Stitching (0.00%)
- Garment Manufacturing (5.84%)
- Finishing & Packaging (0.00%)

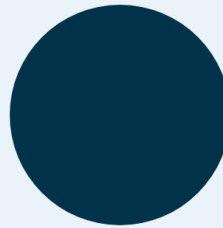
(0.00%)

Raw Material Carbon Footprint

4.25 kg CO₂e

Estimated Offsetting Cost In EUR *

0.43 €



● Raw Material (100%)

Transportation Carbon Footprint

0 kg CO₂e

Estimated Offsetting Cost In EUR *

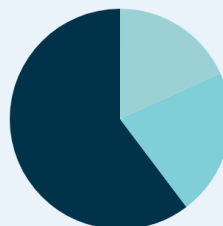
0 €

Process Carbon Footprint

2.01 kg CO₂e

Estimated Offsetting Cost In EUR *

0.2 €



● Yarn Production (60.20%)
● Cutting & Stitching (0.00%)
● Fabric Production (21.45%)
● Garment Manufacturing (18.19%)
● Finishing & Packaging (0.01%)

* Current Average Market Value Of High Quality Carbon Credit

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