



Product Carbon Footprint Calculation Results

02/03/2025 - 16:16

Product	SKU	Gender	Wastage Percentage
SHIRTS	NEPTUNE BLOUSE	Women	5%

Property Name	Property Value	SQM
Body length	short	0.511
Fit	loose	6.25
Sleeves	long	0.31
Neck	korean	0.022
EU SIZE	L woman	0.19897744204083448

External - Raw Material

Material	Percentage	CO2e per GRAM	Fabric Grams	CO2e Grams
Viscose generic	100%	14.54	106.4755	1548.1534
Total	100%	14.54	106.48	1548.15

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) 38.5032
Winding (CO2e g)	Viscose generic (INDIA) 88.5574
Sizing (CO2e g)	Viscose generic (INDIA) 1.8425
Ring Spinning (CO2e g)	Viscose generic (INDIA) 184.8155
Warping (CO2e g)	Viscose generic (INDIA) 6.2646
Roving (Co2e g)	Viscose generic (INDIA) 15.4013
Yarn Production - Dyeing (CO2e g)	Viscose generic (INDIA) 47.906
Blowing (CO2e g)	Viscose generic (INDIA) 34.6529
Drawing (CO2e g)	Viscose generic (INDIA) 23.1019
Total	441.04529999999994

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) 0.005
Total	0.005

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) 0.1652
Weaving (CO2e g)	Viscose generic (INDIA) 156.9874
Total	157.1526

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) 61.9687
Laundry Emissions (CO2e g)	Viscose generic (INDIA) 61.9687
Washing & Drying Emissions	Viscose generic (INDIA) 9.0887
Total	133.02609999999999

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	0.0742	1

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	106.4755	1548.1534
Total	100%	14.54	106.48	1548.15

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) 38.5032
Winding (CO2e g)	Viscose generic (INDIA) 88.5574
Sizing (CO2e g)	Viscose generic (INDIA) 1.8425
Ring Spinning (CO2e g)	Viscose generic (INDIA) 184.8155
Warping (CO2e g)	Viscose generic (INDIA) 6.2646
Roving (Co2e g)	Viscose generic (INDIA) 15.4013
Yarn Production - Dyeing (CO2e g)	Viscose generic (INDIA) 47.906
Blowing (CO2e g)	Viscose generic (INDIA) 34.6529
Drawing (CO2e g)	Viscose generic (INDIA) 23.1019
Total	441.04529999999994

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) 0.005
Total	0.005

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) 0.1652
Weaving (CO2e g)	Viscose generic (INDIA) 156.9874

Process Name	Material
Total	157.1526

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) 61.9687
Laundry Emissions (CO2e g)	Viscose generic (INDIA) 61.9687
Washing & Drying Emissions	Viscose generic (INDIA) 9.0887
Total	133.02609999999999

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	0.0742	1

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

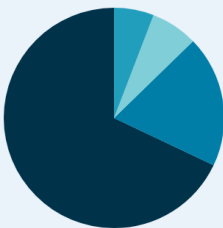
Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	INDIA	UNITED KINGDOM	AIR - 0	0
Total				0

Total Carbon Footprint

4.56 kg CO₂e

Estimated Offsetting Cost In EUR *

0.46 €



- Raw Material (67.98%)
- Yarn Production (19.34%)
- Fabric Production (6.89%)
- Cutting & Stitching (0.00%)
- Garment Manufacturing (5.84%)
- Finishing & Packaging (0.00%)

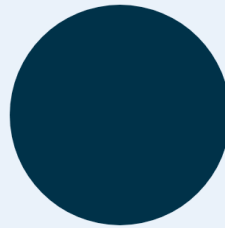
(0.00%)

Raw Material Carbon Footprint

3.1 kg CO₂e

Estimated Offsetting Cost In EUR *

0.31 €



● Raw Material (100%)

Transportation Carbon Footprint

0 kg CO₂e

Estimated Offsetting Cost In EUR *

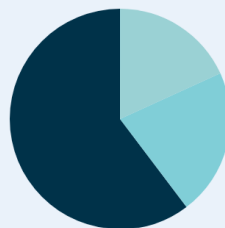
0 €

Process Carbon Footprint

1.46 kg CO₂e

Estimated Offsetting Cost In EUR *

0.15 €



● Yarn Production (60.42%)

● Cutting & Stitching (0.00%)

● Fabric Production (21.53%)

● Garment Manufacturing (18.23%)

● Finishing & Packaging (0.01%)

* Current Average Market Value Of High Quality Carbon Credit

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