



Product Carbon Footprint Calculation Results

02/03/2025 - 16:16

Product	SKU	Gender	Wastage Percentage
TOPS	MONIKH OFF SHOULDER TOP	Women	5%

Property Name	Property Value	SQM
Body length	short	0.48
Fit	loose	6.25
Sleeves	long	0.289
Neck	off shoulder	-0.095
EU SIZE	L woman	0.19897744204083448

External - Raw Material

Material	Percentage	CO2e per GRAM	Fabric Grams	CO2e Grams
Silk India	100%	80.9	60.9622	4931.8431
Total	100%	80.9	60.96	4931.84

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

External - Yarn Production

Process Name	Material
Carding (CO2e g)	Silk India (INDIA) 22.0449
Winding (CO2e g)	Silk India (INDIA) 50.7033
Sizing (CO2e g)	Silk India (INDIA) 1.0549
Ring Spinning (CO2e g)	Silk India (INDIA) 105.8156
Warping (CO2e g)	Silk India (INDIA) 3.5868
Roving (Co2e g)	Silk India (INDIA) 8.818
Yarn Production - Dyeing (CO2e g)	Silk India (INDIA) 27.4284
Blowing (CO2e g)	Silk India (INDIA) 19.8404
Drawing (CO2e g)	Silk India (INDIA) 13.2269

Process Name	Material
Total	252.5192

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

External - Cutting & Stitching

Process Name	Material
Major cutting	Silk India (INDIA) 0.0029
Total	0.0029

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

External - Fabric Production

Process Name	Material
Heat Setting (CO2e g)	Silk India (INDIA) 0.0946
Weaving (CO2e g)	Silk India (INDIA) 89.8827
Total	89.9773

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

External - Garment Manufacturing

Process Name	Material
Finishing Emissions (CO2g)	Silk India (INDIA) 35.48
Laundry Emissions (CO2e g)	Silk India (INDIA) 35.48
Washing & Drying Emissions	Silk India (INDIA) 5.2037
Total	76.16369999999999

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

External - 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

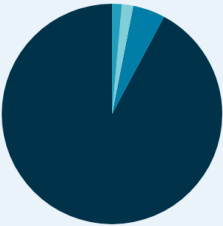
Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Silk India	INDIA	UNITED KINGDOM	AIR - 0	0
Total				0

Total Carbon Footprint

5.35 kg CO₂e

Estimated Offsetting Cost In EUR *

0.54 €



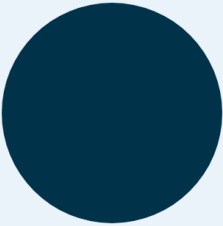
- Raw Material (92.15%)
- Yarn Production (4.72%)
- Fabric Production (1.68%)
- Cutting & Stitching (0.00%)
- Garment Manufacturing (1.42%)
- Finishing & Packaging (0.00%)

Raw Material Carbon Footprint

4.93 kg CO₂e

Estimated Offsetting Cost In EUR *

0.49 €



- Raw Material (100%)

Transportation Carbon Footprint

0 kg CO₂e

Estimated Offsetting Cost In EUR *

0 €

Process Carbon Footprint

0.42 kg CO₂e

Estimated Offsetting Cost In EUR *

0.04 €



- Yarn Production (60.12%)
- Cutting & Stitching (0.00%)
- Fabric Production (21.42%)
- Garment Manufacturing (18.13%)

* Current Average Market Value Of High Quality Carbon Credit

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