



Product Carbon Footprint Calculation Results

02/03/2025 - 16:16

Product	SKU	Gender	Wastage Percentage
SHIRTS	SELENA SHIRT	Women	5%

Property Name	Property Value	SQM
Body length	extra long	0.861
Fit	regular	0
Sleeves	three quarters	0.18
Neck	classic collar	0.039
EU SIZE	L woman	0.19897744204083448

External - Raw Material

Material	Percentage	CO2e per GRAM	Fabric Grams	CO2e Grams
Viscose generic	100%	14.54	118.4584	1722.3854
Total	100%	14.54	118.46	1722.39

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) 42.8365
Winding (CO2e g)	Viscose generic (INDIA) 98.5239
Sizing (CO2e g)	Viscose generic (INDIA) 2.0499
Ring Spinning (CO2e g)	Viscose generic (INDIA) 205.615
Warping (CO2e g)	Viscose generic (INDIA) 6.9697
Roving (Co2e g)	Viscose generic (INDIA) 17.1346
Yarn Production - Dyeing (CO2e g)	Viscose generic (INDIA) 53.2974
Blowing (CO2e g)	Viscose generic (INDIA) 38.5528
Drawing (CO2e g)	Viscose generic (INDIA) 25.7019
Total	490.6817

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) 0.0056
Total	0.0056

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) 0.1838
Weaving (CO2e g)	Viscose generic (INDIA) 174.6551
Total	174.8389

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) 68.9428
Laundry Emissions (CO2e g)	Viscose generic (INDIA) 68.9428
Washing & Drying Emissions	Viscose generic (INDIA) 10.1116
Total	147.99720000000002

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

Production Group	Process Name	Country	CO2e	Value
Addition	Button Plastic Medium Size	INDIA	0.1144	7

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	118.4584	1722.3854
Total	100%	14.54	118.46	1722.39

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) 42.8365
Winding (CO2e g)	Viscose generic (INDIA) 98.5239
Sizing (CO2e g)	Viscose generic (INDIA) 2.0499
Ring Spinning (CO2e g)	Viscose generic (INDIA) 205.615
Warping (CO2e g)	Viscose generic (INDIA) 6.9697
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Blowing (CO2e g)	Viscose generic (INDIA) 38.5528
Drawing (CO2e g)	Viscose generic (INDIA) 25.7019
Total	490.6817

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) 0.0056
Total	0.0056

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) 0.1838
Weaving (CO2e g)	Viscose generic (INDIA) 174.6551

Process Name	Material
Total	174.8389

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) 68.9428
Laundry Emissions (CO2e g)	Viscose generic (INDIA) 68.9428
Washing & Drying Emissions	Viscose generic (INDIA) 10.1116
Total	147.99720000000002

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

Production Group	Process Name	Country	CO2e	Value
Addition	Button Plastic Medium Size	INDIA	0.1144	7

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

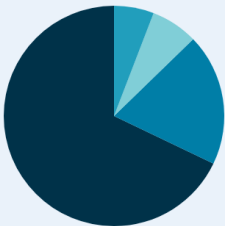
Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	INDIA	UNITED KINGDOM	AIR - 0	0
Total				0

Total Carbon Footprint

5.07 kg CO₂e

Estimated Offsetting Cost In EUR *

0.51 €



- Raw Material (67.85%)
- Yarn Production (19.36%)
- Fabric Production (6.90%)
- Cutting & Stitching (0.00%)
- Garment Manufacturing (5.84%)
- Finishing & Packaging (0.00%)

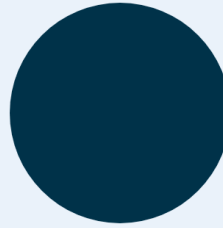
(0.00%)

Raw Material Carbon Footprint

3.44 kg CO₂e

Estimated Offsetting Cost In EUR *

0.34 €



● Raw Material (100%)

Transportation Carbon Footprint

0 kg CO₂e

Estimated Offsetting Cost In EUR *

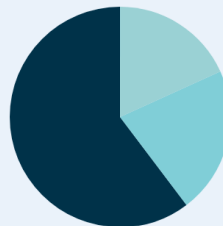
0 €

Process Carbon Footprint

1.63 kg CO₂e

Estimated Offsetting Cost In EUR *

0.16 €



- Yarn Production (60.21%)
- Cutting & Stitching (0.00%)
- Fabric Production (21.45%)
- Garment Manufacturing (18.17%)
- Finishing & Packaging (0.01%)

* Current Average Market Value Of High Quality Carbon Credit

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