



Product Carbon Footprint Calculation Results

02/03/2025 - 16:16

Product	SKU	Gender	Wastage Percentage
SWEATERS	BRETTON KNIT TOP	Women	5%

Property Name	Property Value	SQM
Body length	extra long	1.032
Fit	loose	7.84
Sleeves	extra long	0.253
Neck	boat	-0.025
EU SIZE	L woman	0.19897744204083448

External - Raw Material

Material	Percentage	CO2e per GRAM	Fabric Grams	CO2e Grams
Wool China	70%	30.2	356.781	10774.7853
Cashmere	30%	56.6	101.9374	5769.658
Total	100%	86.8	458.72	16544.44

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Wool China	CHINA	CHINA		0
Cashmere	CHINA	CHINA		0
Total				0

External - Yarn Production

Process Name	Material	
Carding (CO2e g)	Wool China (CHINA) 91.9417	Cashmere (CHINA) 26.2691
Winding (CO2e g)	Wool China (CHINA) 211.466	Cashmere (CHINA) 60.4189
Sizing (CO2e g)	Wool China (CHINA) 4.3998	Cashmere (CHINA) 1.2571
Ring Spinning (CO2e g)	Wool China (CHINA) 441.3204	Cashmere (CHINA) 126.0915
Warping (CO2e g)	Wool China (CHINA) 14.9593	Cashmere (CHINA) 4.2741
Roving (Co2e g)	Wool China (CHINA) 36.7767	Cashmere (CHINA) 10.5076
Yarn Production - Dyeing (CO2e g)	Wool China (CHINA) 114.3945	Cashmere (CHINA) 32.6841
Blowing (CO2e g)	Wool China (CHINA) 82.7476	Cashmere (CHINA) 23.6422

Process Name	Material	
Drawing (CO2e g)	Wool China (CHINA) 55.165	Cashmere (CHINA) 15.7614
Total	1053.171	300.90599999999995

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Wool China	CHINA	CHINA		0
Cashmere	CHINA	CHINA		0
Total				0

External - Fabric Production

Process Name	Material	
Heat Setting (CO2e g)	Wool China (CHINA) 0.3946	Cashmere (CHINA) 0.1127
Weaving (CO2e g)	Wool China (CHINA) 374.8698	Cashmere (CHINA) 107.1056
Total	375.2644	107.2183

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Wool China	CHINA	CHINA		0
Cashmere	CHINA	CHINA		0
Total				0

External - Garment Manufacturing

Process Name	Material	
Finishing Emissions (CO2g)	Wool China (CHINA) 147.9749	Cashmere (CHINA) 42.2785
Laundry Emissions (CO2e g)	Wool China (CHINA) 147.9749	Cashmere (CHINA) 42.2785
Washing & Drying Emissions	Wool China (CHINA) 21.703	Cashmere (CHINA) 6.2009
Total	317.65279999999996	90.7579

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Wool China	CHINA	CHINA		0
Cashmere	CHINA	CHINA		0
Total				0

Production Group	Process Name	Country	CO2e	Value
Addition	Button Metal Medium Size	CHINA	0.159	4

External - Knitting & Trimming

Process Name	Material	
Linking	Wool China (CHINA) 21.703	Cashmere (CHINA) 6.2009
Total	21.703	6.2009

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Wool China	CHINA	CHINA		0

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Cashmere	CHINA	CHINA		0
Total				0

External - Finishing & Packaging

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Wool China	CHINA	CHINA		0
Cashmere	CHINA	CHINA		0
Total				0

Production Group	Process Name	Country	CO2e	Value
---	Plastic Hanger	CHINA	0.0862	1

Final Transportation

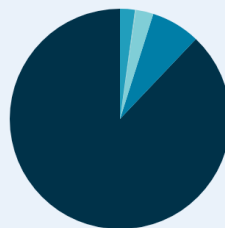
Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Wool China	CHINA	UNITED KINGDOM	AIR - 0	0
Cashmere	CHINA	UNITED KINGDOM	AIR - 0	0
Total				0

Total Carbon Footprint

18.81 kg CO₂e

Estimated Offsetting Cost In EUR *

1.88 €



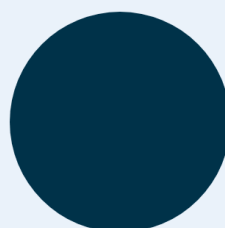
- Raw Material (87.93%)
- Yarn Production (7.20%)
- Fabric Production (2.57%)
- Knitting & Trimming (0.15%)
- Garment Manufacturing (2.17%)
- Finishing & Packaging (0.00%)

Raw Material Carbon Footprint

16.54 kg CO₂e

Estimated Offsetting Cost In EUR *

1.65 €



- Raw Material (100%)

Transportation Carbon Footprint

0 kg CO₂e

Estimated Offsetting Cost In EUR *

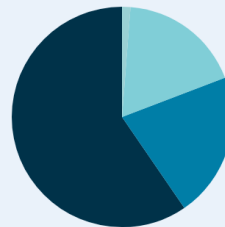
0 €

Process Carbon Footprint

2.27 kg CO₂e

Estimated Offsetting Cost In EUR *

0.23 €



- Yarn Production (59.65%)
- Fabric Production (21.25%)
- Garment Manufacturing (18.00%)
- Knitting & Trimming (1.23%)
- Finishing & Packaging (0.00%)

* Current Average Market Value Of High Quality Carbon Credit

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