



# Product Carbon Footprint Calculation Results

02/03/2025 - 16:16

Product	SKU	Gender	Wastage Percentage
SWEATERS	TONAL T- CARDIGAN	Women	5%

Property Name	Property Value	SQM
Body length	regular	0.48
Fit	slim	0.81
Sleeves	long	0.23
Neck	v neck	-0.018
EU SIZE	L woman	0.19897744204083448

## External - Raw Material

Material	Percentage	CO2e per GRAM	Fabric Grams	CO2e Grams
Cashmere	100%	56.6	142.3256	8055.6289
<b>Total</b>	<b>100%</b>	<b>56.6</b>	<b>142.33</b>	<b>8055.63</b>

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Cashmere	CHINA	CHINA		0
<b>Total</b>				<b>0</b>

## External - Yarn Production

Process Name	Material
Carding (CO2e g)	Cashmere (CHINA) 36.677
Winding (CO2e g)	Cashmere (CHINA) 84.3572
Sizing (CO2e g)	Cashmere (CHINA) 1.7551
Ring Spinning (CO2e g)	Cashmere (CHINA) 176.0497
Warping (CO2e g)	Cashmere (CHINA) 5.9675
Roving (Co2e g)	Cashmere (CHINA) 14.6708
Yarn Production - Dyeing (CO2e g)	Cashmere (CHINA) 45.6338
Blowing (CO2e g)	Cashmere (CHINA) 33.0093
Drawing (CO2e g)	Cashmere (CHINA) 22.0062
<b>Total</b>	<b>420.12659999999994</b>

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Cashmere	CHINA	CHINA		0
<b>Total</b>				<b>0</b>

## External - Fabric Production

Process Name	Material
Heat Setting (CO2e g)	Cashmere (CHINA) 0.1574
Weaving (CO2e g)	Cashmere (CHINA) 149.5415
<b>Total</b>	<b>149.6989</b>

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Cashmere	CHINA	CHINA		0
<b>Total</b>				<b>0</b>

## External - Garment Manufacturing

Process Name	Material
Finishing Emissions (CO2g)	Cashmere (CHINA) 59.0295
Laundry Emissions (CO2e g)	Cashmere (CHINA) 59.0295
Washing & Drying Emissions	Cashmere (CHINA) 8.6577
<b>Total</b>	<b>126.7167</b>

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Cashmere	CHINA	CHINA		0
<b>Total</b>				<b>0</b>

Production Group	Process Name	Country	CO2e	Value
Addition	Button Metal Small Size	CHINA	0.159	8

## External - Knitting & Trimming

Process Name	Material
Linking	Cashmere (CHINA) 8.6577
<b>Total</b>	<b>8.6577</b>

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Cashmere	CHINA	CHINA		0
<b>Total</b>				<b>0</b>

## External - Finishing & Packaging

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Cashmere	CHINA	CHINA		0
<b>Total</b>				<b>0</b>

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

## Final Transportation

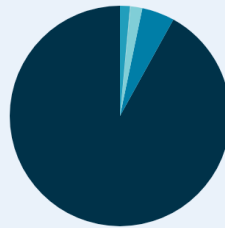
Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Cashmere	CHINA	UNITED KINGDOM	AIR - 0	0
<b>Total</b>				<b>0</b>

### Total Carbon Footprint

**8.77** kg CO<sub>2</sub>e

Estimated Offsetting Cost In EUR \*

**0.88** €



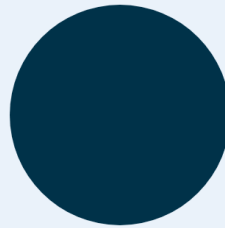
- Raw Material (91.90%)
- Yarn Production (4.79%)
- Fabric Production (1.71%)
- Knitting & Trimming (0.10%)
- Garment Manufacturing (1.45%)
- Finishing & Packaging (0.00%)

### Raw Material Carbon Footprint

**8.06** kg CO<sub>2</sub>e

Estimated Offsetting Cost In EUR \*

**0.81** €



- Raw Material (100%)

### Transportation Carbon Footprint

**0** kg CO<sub>2</sub>e

Estimated Offsetting Cost In EUR \*

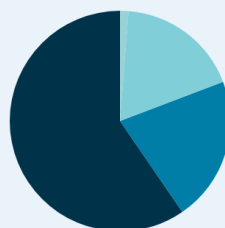
**0** €

### Process Carbon Footprint

**0.71** kg CO<sub>2</sub>e

Estimated Offsetting Cost In EUR \*

**0.07** €



- Yarn Production (59.17%)
- Fabric Production (21.08%)
- Garment Manufacturing (17.87%)
- Knitting & Trimming (1.22%)

\* Current Average Market Value Of High Quality Carbon Credit

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