



Product Carbon Footprint Calculation Results

02/03/2025 - 16:16

Product	SKU	Gender	Wastage Percentage
SWEATERS	SHE WHO DARES WINS	Women	5%

Property Name	Property Value	SQM
Body length	extra long	1.032
Fit	slim	0.81
Sleeves	long	0.23
Neck	crew	0
EU SIZE	L woman	0.19897744204083448

External - Raw Material

Material	Percentage	CO2e per GRAM	Fabric Grams	CO2e Grams
Wool China	100%	30.2	384.7003	11617.9492
Total	100%	30.2	384.7	11617.95

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

External - Yarn Production

Process Name	Material
Carding (CO2e g)	Wool China (CHINA) 99.1365
Winding (CO2e g)	Wool China (CHINA) 228.0139
Sizing (CO2e g)	Wool China (CHINA) 4.7441
Ring Spinning (CO2e g)	Wool China (CHINA) 475.8552
Warping (CO2e g)	Wool China (CHINA) 16.1299
Roving (Co2e g)	Wool China (CHINA) 39.6546
Yarn Production - Dyeing (CO2e g)	Wool China (CHINA) 123.3462
Blowing (CO2e g)	Wool China (CHINA) 89.2228
Drawing (CO2e g)	Wool China (CHINA) 59.4819
Total	1135.5851

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

External - Fabric Production

Process Name	Material
Heat Setting (CO2e g)	Wool China (CHINA) 0.4255
Weaving (CO2e g)	Wool China (CHINA) 404.2046
Total	404.6301

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

External - Garment Manufacturing

Process Name	Material
Finishing Emissions (CO2g)	Wool China (CHINA) 159.5545
Laundry Emissions (CO2e g)	Wool China (CHINA) 159.5545
Washing & Drying Emissions	Wool China (CHINA) 23.4013
Total	342.5103

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

External - Knitting & Trimming

Process Name	Material
Linking	Wool China (CHINA) 23.4013
Total	23.4013

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

External - Finishing & Packaging

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

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

Final Transportation

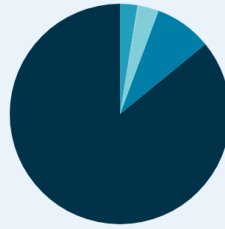
Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Wool China	CHINA	UNITED KINGDOM	AIR - 0	0
Total				0

Total Carbon Footprint

13.53 kg CO₂e

Estimated Offsetting Cost In EUR *

1.35 €



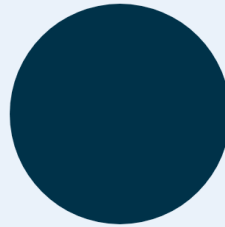
- Raw Material (85.88%)
- Yarn Production (8.39%)
- Fabric Production (2.99%)
- Knitting & Trimming (0.17%)
- Garment Manufacturing (2.53%)
- Finishing & Packaging (0.00%)

Raw Material Carbon Footprint

11.62 kg CO₂e

Estimated Offsetting Cost In EUR *

1.16 €



- Raw Material (100%)

Transportation Carbon Footprint

0 kg CO₂e

Estimated Offsetting Cost In EUR *

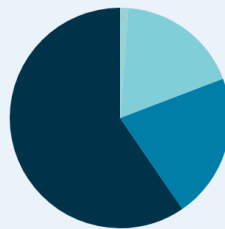
0 €

Process Carbon Footprint

1.91 kg CO₂e

Estimated Offsetting Cost In EUR *

0.19 €



- Yarn Production (59.45%)
- Fabric Production (21.18%)
- Garment Manufacturing (17.93%)
- Knitting & Trimming (1.23%)
- Finishing & Packaging (0.00%)

* Current Average Market Value Of High Quality Carbon Credit

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