



Product Carbon Footprint Calculation Results

02/03/2025 - 16:16

Product	SKU	Gender	Wastage Percentage
SWEATERS	RIBERA KNIT JACKET	Women	5%

Property Name	Property Value	SQM
Body length	thigh	0.5952
Fit	regular	0
Sleeves	extra long	0.253
Neck	v neck	-0.018
EU SIZE	L woman	0.19897744204083448

External - Raw Material

Material	Percentage	CO2e per GRAM	Fabric Grams	CO2e Grams
Wool China	100%	30.2	273.1783	8249.9841
Total	100%	30.2	273.18	8249.98

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) 70.3975
Winding (CO2e g)	Wool China (CHINA) 161.9142
Sizing (CO2e g)	Wool China (CHINA) 3.3688
Ring Spinning (CO2e g)	Wool China (CHINA) 337.908
Warping (CO2e g)	Wool China (CHINA) 11.4539
Roving (Co2e g)	Wool China (CHINA) 28.159
Yarn Production - Dyeing (CO2e g)	Wool China (CHINA) 87.589
Blowing (CO2e g)	Wool China (CHINA) 63.3577
Drawing (CO2e g)	Wool China (CHINA) 42.2385
Total	806.3865999999999

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) 0.3021
Weaving (CO2e g)	Wool China (CHINA) 287.0284
Total	287.3305

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) 113.3007
Laundry Emissions (CO2e g)	Wool China (CHINA) 113.3007
Washing & Drying Emissions	Wool China (CHINA) 16.6174
Total	243.21880000000002

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

Production Group	Process Name	Country	CO2e	Value
Addition	Button Metal Large Size	CHINA	0.2981	5

External - Knitting & Trimming

Process Name	Material
Linking	Wool China (CHINA) 16.6174
Total	16.6174

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

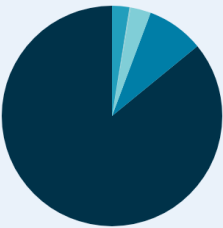
Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Wool China	CHINA	UNITED KINGDOM	AIR - 0	0
Total				0

Total Carbon Footprint

9.6 kg CO₂e

Estimated Offsetting Cost In EUR *

0.96 €



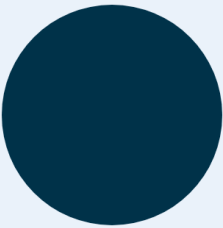
- Raw Material (85.94%)
- Yarn Production (8.40%)
- Fabric Production (2.99%)
- Knitting & Trimming (0.17%)
- Garment Manufacturing (2.54%)
- Finishing & Packaging (0.00%)

Raw Material Carbon Footprint

8.25 kg CO₂e

Estimated Offsetting Cost In EUR *

0.82 €



- Raw Material (100%)

Transportation Carbon Footprint

0 kg CO₂e

Estimated Offsetting Cost In EUR *

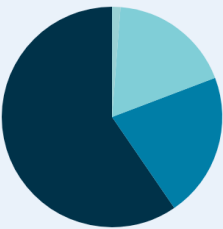
0 €

Process Carbon Footprint

1.35 kg CO₂e

Estimated Offsetting Cost In EUR *

0.14 €



- Yarn Production (59.73%)
- Fabric Production (21.28%)
- Garment Manufacturing (18.04%)
- Knitting & Trimming (1.23%)

* Current Average Market Value Of High Quality Carbon Credit

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