



Product Carbon Footprint Calculation Results

02/03/2025 - 16:16

Product	SKU	Gender	Wastage Percentage
PANTS	RIBERA KNIT TROUSER	Women	5%

Property Name	Property Value	SQM
Length	seven eights	0.8265
Shape	boot cut	0.04
Rise	regular	0
Cargo	yes	0.03
EU SIZE	L woman	0.1893861454046681

External - Raw Material

Material	Percentage	CO2e per GRAM	Fabric Grams	CO2e Grams
Wool China	100%	30.2	286.9722	8666.5615
Total	100%	30.2	286.97	8666.56

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) 73.9522
Winding (CO2e g)	Wool China (CHINA) 170.09
Sizing (CO2e g)	Wool China (CHINA) 3.5389
Ring Spinning (CO2e g)	Wool China (CHINA) 354.9704
Warping (CO2e g)	Wool China (CHINA) 12.0323
Roving (Co2e g)	Wool China (CHINA) 29.5809
Yarn Production - Dyeing (CO2e g)	Wool China (CHINA) 92.0117
Blowing (CO2e g)	Wool China (CHINA) 66.557
Drawing (CO2e g)	Wool China (CHINA) 44.3713
Total	847.10470000000001

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

External - Cutting & Stitching

Process Name	Material
Major cutting	Wool China (CHINA) 0.0096
Total	0.0096

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) 0.3174
Weaving (CO2e g)	Wool China (CHINA) 301.5217
Total	301.83910000000003

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) 119.0217
Laundry Emissions (CO2e g)	Wool China (CHINA) 119.0217
Washing & Drying Emissions	Wool China (CHINA) 17.4565
Total	255.4999

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 Small Size	CHINA	0.159	8

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

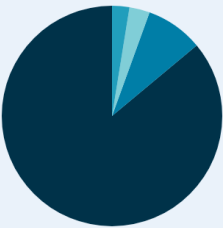
Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Wool China	CHINA	UNITED KINGDOM	AIR - 0	0
Total				0

Total Carbon Footprint

10.07 kg CO₂e

Estimated Offsetting Cost In EUR *

1.01 €



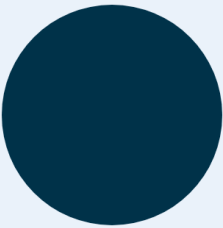
- Raw Material (86.10%)
- Yarn Production (8.41%)
- Fabric Production (3.00%)
- Cutting & Stitching (0.00%)
- Garment Manufacturing (2.54%)
- Finishing & Packaging (0.00%)

Raw Material Carbon Footprint

8.67 kg CO₂e

Estimated Offsetting Cost In EUR *

0.87 €



- Raw Material (100%)

Transportation Carbon Footprint

0 kg CO₂e

Estimated Offsetting Cost In EUR *

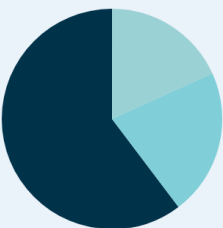
0 €

Process Carbon Footprint

1.4 kg CO₂e

Estimated Offsetting Cost In EUR *

0.14 €



- Yarn Production (60.51%)
- Cutting & Stitching (0.00%)
- Fabric Production (21.56%)
- Garment Manufacturing (18.26%)

* Current Average Market Value Of High Quality Carbon Credit

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