



Product Carbon Footprint Calculation Results

02/03/2025 - 16:16

Product	SKU	Gender	Wastage Percentage
PANTS	T- LOGO MANIA TROUSER	Women	5%

Property Name	Property Value	SQM
Length	long	0.95
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 generic	100%	24.7	328.3796	8110.9767
Total	100%	24.7	328.38	8110.98

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Wool generic	ITALY	ITALY		0
Total				0

External - Yarn Production

Process Name	Material
Carding (CO2e g)	Wool generic (ITALY) 40.8576
Winding (CO2e g)	Wool generic (ITALY) 93.9726
Sizing (CO2e g)	Wool generic (ITALY) 1.9552
Ring Spinning (CO2e g)	Wool generic (ITALY) 196.1167
Warping (CO2e g)	Wool generic (ITALY) 6.6477
Roving (Co2e g)	Wool generic (ITALY) 16.3431
Yarn Production - Dyeing (CO2e g)	Wool generic (ITALY) 50.8353
Blowing (CO2e g)	Wool generic (ITALY) 36.7719
Drawing (CO2e g)	Wool generic (ITALY) 24.5146
Total	468.01470000000006

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Wool generic	ITALY	ITALY		0
Total				0

External - Cutting & Stitching

Process Name	Material
Major cutting	Wool generic (ITALY) 0.0053
Total	0.0053

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Wool generic	ITALY	ITALY		0
Total				0

External - Fabric Production

Process Name	Material
Heat Setting (CO2e g)	Wool generic (ITALY) 0.1754
Weaving (CO2e g)	Wool generic (ITALY) 166.587
Total	166.76239999999999

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Wool generic	ITALY	ITALY		0
Total				0

External - Garment Manufacturing

Process Name	Material
Finishing Emissions (CO2g)	Wool generic (ITALY) 65.758
Laundry Emissions (CO2e g)	Wool generic (ITALY) 65.758
Washing & Drying Emissions	Wool generic (ITALY) 9.6445
Total	141.16049999999998

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Wool generic	ITALY	ITALY		0
Total				0

External - Finishing & Packaging

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Wool generic	ITALY	ITALY		0
Total				0

Production Group	Process Name	Country	CO2e	Value
---	Plastic Hanger	ITALY	0.0416	1

Final Transportation

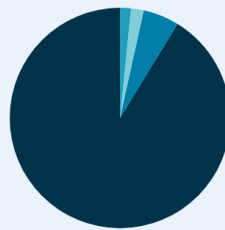
Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Wool generic	ITALY	UNITED KINGDOM	AIR - 0	0
Total				0

Total Carbon Footprint

8.89 kg CO₂e

Estimated Offsetting Cost In EUR *

0.89 €



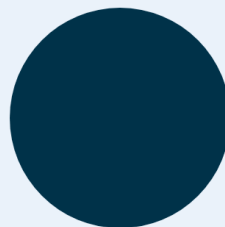
- Raw Material (91.23%)
- Yarn Production (5.26%)
- Fabric Production (1.88%)
- Cutting & Stitching (0.00%)
- Garment Manufacturing (1.59%)
- Finishing & Packaging (0.00%)

Raw Material Carbon Footprint

8.11 kg CO₂e

Estimated Offsetting Cost In EUR *

0.81 €



- Raw Material (100%)

Transportation Carbon Footprint

0 kg CO₂e

Estimated Offsetting Cost In EUR *

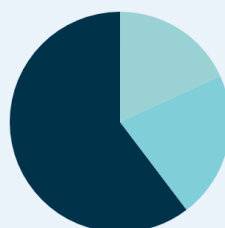
0 €

Process Carbon Footprint

0.78 kg CO₂e

Estimated Offsetting Cost In EUR *

0.08 €



- Yarn Production (60.00%)
- Cutting & Stitching (0.00%)
- Fabric Production (21.38%)
- Garment Manufacturing (18.10%)
- Finishing & Packaging (0.01%)

* Current Average Market Value Of High Quality Carbon Credit

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