



Product Carbon Footprint Calculation Results

02/03/2025 - 16:16

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

Property Name	Property Value	SQM
Body length	extra long	1.032
Fit	loose	7.84
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 generic	100%	24.7	511.9905	12646.1643
Total	100%	24.7	511.99	12646.16

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) 63.7029
Winding (CO2e g)	Wool generic (ITALY) 146.5166
Sizing (CO2e g)	Wool generic (ITALY) 3.0484
Ring Spinning (CO2e g)	Wool generic (ITALY) 305.7738
Warping (CO2e g)	Wool generic (ITALY) 10.3647
Roving (Co2e g)	Wool generic (ITALY) 25.4812
Yarn Production - Dyeing (CO2e g)	Wool generic (ITALY) 79.2595
Blowing (CO2e g)	Wool generic (ITALY) 57.3326
Drawing (CO2e g)	Wool generic (ITALY) 38.2217

Process Name	Material
Total	729.7013999999999

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) 0.2734
Weaving (CO2e g)	Wool generic (ITALY) 259.7328
Total	260.0062

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) 102.5261
Laundry Emissions (CO2e g)	Wool generic (ITALY) 102.5261
Washing & Drying Emissions	Wool generic (ITALY) 15.0372
Total	220.0894

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

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

External - Knitting & Trimming

Process Name	Material
Linking	Wool generic (ITALY) 15.0372
Total	15.0372

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

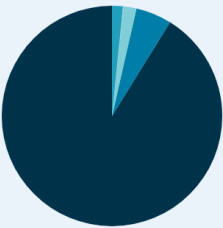
Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Wool generic	ITALY	UNITED KINGDOM	AIR - 0	0
Total				0

Total Carbon Footprint

13.88 kg CO₂e

Estimated Offsetting Cost In EUR *

1.39 €



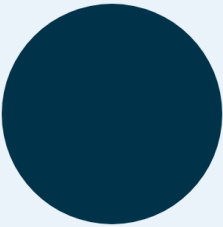
- Raw Material (91.14%)
- Yarn Production (5.26%)
- Fabric Production (1.87%)
- Knitting & Trimming (0.11%)
- Garment Manufacturing (1.59%)
- Finishing & Packaging (0.00%)

Raw Material Carbon Footprint

12.65 kg CO₂e

Estimated Offsetting Cost In EUR *

1.27 €



- Raw Material (100%)

Transportation Carbon Footprint

0 kg CO₂e

Estimated Offsetting Cost In EUR *

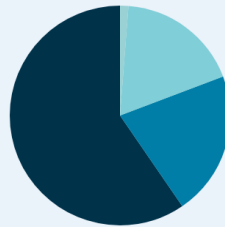
0 €

Process Carbon Footprint

1.23 kg CO₂e

Estimated Offsetting Cost In EUR *

0.12 €



- Yarn Production (59.33%)
- Fabric Production (21.14%)
- Garment Manufacturing (17.92%)
- Knitting & Trimming (1.22%)
- Finishing & Packaging (0.00%)

* Current Average Market Value Of High Quality Carbon Credit

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