Product Carbon Footprint Calculation Results

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Product	SKU
DRESSES	25AWLOU54830

Layer	Gender	Wastage Percentage
Tops	Women	5%

Property Name	Property Value	SQM
Upper body length	regular	0.6
Fit	regular	0
Sleeves	long	0.289
Neck	boat	-0.045
EU SIZE	S woman	0.1935085228292251

Layer	Gender	Wastage Percentage
Skirts	Women	5%

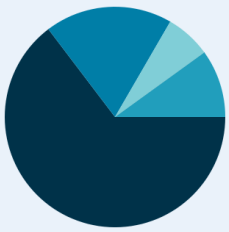
Property Name	Property Value	SQM
Length	short	0.3657
Shape	circle	324
Rise	regular	0
EU SIZE	S woman	0.1935085228292251

Total Carbon Footprint

5.18 kg CO_2e

Estimated Offsetting Cost In EUR *

0.52 €



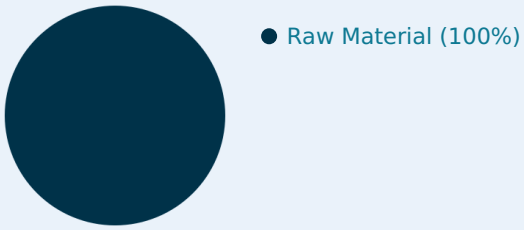
- Raw Material (64.67%)
- Yarn Production (18.70%)
- Fabric Production (6.68%)
- Cutting & Stitching (0.00%)
- Garment Manufacturing (9.96%)
- Finishing & Packaging (0.00%)

Raw Material Carbon Footprint

3.35 kg CO_2e

Estimated Offsetting Cost In EUR *

0.34 €



Transportation Carbon Footprint

0 kg CO_2e

Estimated Offsetting Cost In EUR *

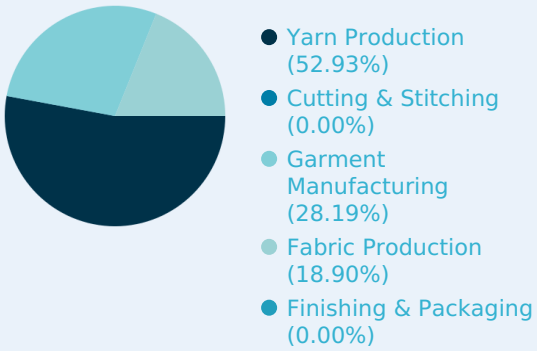
0 €

Process Carbon Footprint

1.83 kg CO_2e

Estimated Offsetting Cost In EUR *

0.18 €



* Current Average Market Value Of High Quality Carbon Credit

Phases country risk

Layer	Production Phase	Country	Country Risk / Provider
NETTED LACE	Raw Material	CHINA	High Risk
NETTED LACE	Yarn Production	CHINA	High Risk
NETTED LACE	Fabric Production	CHINA	High Risk
NETTED LACE	Cutting & Stitching	CHINA	High Risk
NETTED LACE	Garment Manufacturing	CHINA	High Risk
NETTED LACE	Finishing & Packaging	CHINA	High Risk
VISCOSE TWILL	Raw Material	CHINA	High Risk
VISCOSE TWILL	Yarn Production	CHINA	High Risk
VISCOSE TWILL	Fabric Production	CHINA	High Risk
VISCOSE TWILL	Cutting & Stitching	CHINA	High Risk
VISCOSE TWILL	Garment Manufacturing	CHINA	High Risk

Layer	Production Phase	Country	Country Risk / Provider
VISCOSE TWILL	Finishing & Packaging	CHINA	High Risk

Water Footprint & Land Impact Summary

Production Phase	Green Water (liters)	Blue Water (liters)	Grey Water (liters)
Raw Material	656.28	152.68	97.97
Yarn Production	0	122.14	68.58
Fabric Production	0	114.51	73.48
Garment Manufacturing	0	235.45	234.51
Total (Liters)	**656.28**	**624.78**	**474.54**

Land Impact Summary	
Total Land Use (m2)	**0.01**

NETTED LACE - Raw Material

Material	Percentage	CO2e per GRAM	Fabric Grams	CO2e Grams
Nylon Polyamide or Nylon 66	50%	8	37.5016	300.0126
Polyester China	50%	3.1	103.1293	319.7009
Total	**100%**	**11.1**	**140.63**	**619.71**

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Nylon Polyamide or Nylon 66	CHINA	CHINA		0
Polyester China	CHINA	CHINA		0
Total				**0**

NETTED LACE - Yarn Production

Process Name	Material	
Carding (CO2e g)	Nylon Polyamide or Nylon 66 (CHINA) 9.6641	Polyester China (CHINA) 26.5762
Winding (CO2e g)	Nylon Polyamide or Nylon 66 (CHINA) 22.2274	Polyester China (CHINA) 61.1253
Sizing (CO2e g)	Nylon Polyamide or Nylon 66 (CHINA) 0.4625	Polyester China (CHINA) 1.2718
Ring Spinning (CO2e g)	Nylon Polyamide or Nylon 66 (CHINA) 46.3876	Polyester China (CHINA) 127.5659
Warping (CO2e g)	Nylon Polyamide or Nylon 66 (CHINA) 1.5724	Polyester China (CHINA) 4.3241
Roving (Co2e g)	Nylon Polyamide or Nylon 66 (CHINA) 3.8656	Polyester China (CHINA) 10.6305
Dyeing (CO2e g)	Nylon Polyamide or Nylon 66 (CHINA) 12.0241	Polyester China (CHINA) 33.0663
Blowing (CO2e g)	Nylon Polyamide or Nylon 66 (CHINA) 8.6977	Polyester China (CHINA) 23.9186
Drawing (CO2e g)	Nylon Polyamide or Nylon 66 (CHINA) 5.7984	Polyester China (CHINA) 15.9457
Total	**110.69980000000001**	**304.4244**

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Nylon Polyamide or Nylon 66	CHINA	CHINA		0
Polyester China	CHINA	CHINA		0
Total				**0**

NETTED LACE - Cutting & Stitching

Process Name	Material	
Major cutting	Nylon Polyamide or Nylon 66 (CHINA) 0.0013	Polyester China (CHINA) 0.0035
Total	**0.0013**	**0.0035**

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Nylon Polyamide or Nylon 66	CHINA	CHINA		0
Polyester China	CHINA	CHINA		0
Total				**0**

NETTED LACE - Garment Manufacturing

Process Name	Material	
Garment dyeing (CO2e g)	Nylon Polyamide or Nylon 66 (CHINA) 25.5082	Polyester China (CHINA) 70.1475
Finishing Emissions (CO2g)	Nylon Polyamide or Nylon 66 (CHINA) 15.5538	Polyester China (CHINA) 42.7729
Laundry Emissions (CO2e g)	Nylon Polyamide or Nylon 66 (CHINA) 15.5538	Polyester China (CHINA) 42.7729
Washing & Drying Emissions	Nylon Polyamide or Nylon 66 (CHINA) 2.2812	Polyester China (CHINA) 6.2734
Total	**58.897**	**161.9667**

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Nylon Polyamide or Nylon 66	CHINA	CHINA		0
Polyester China	CHINA	CHINA		0
Total				**0**

Production Group	Process Name	Country	CO2e	Value
Addition	Zip (cm)	CHINA	0.5724	60

NETTED LACE - Fabric Production

Process Name	Material	
Heat Setting (CO2e g)	Nylon Polyamide or Nylon 66 (CHINA) 0.0415	Polyester China (CHINA) 0.1141
Coating (CO2e g)	Nylon Polyamide or Nylon 66 (CHINA) 0	Polyester China (CHINA) 0
Bonding (CO2e g)	Nylon Polyamide or Nylon 66 (CHINA) 0.0861	Polyester China (CHINA) 0.2367

Process Name	Material	
Weaving (CO2e g)	Nylon Polyamide or Nylon 66 (CHINA) 39.4029	Polyester China (CHINA) 108.358
Total	**39.5305**	**108.70880000000001**

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Nylon Polyamide or Nylon 66	CHINA	CHINA		0
Polyester China	CHINA	CHINA		0
Total				**0**

NETTED LACE - Finishing & Packaging

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Nylon Polyamide or Nylon 66	CHINA	CHINA		0
Polyester China	CHINA	CHINA		0
Total				**0**

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

VISCOSE TWILL - Raw Material

Material	Percentage	CO2e per GRAM	Fabric Grams	CO2e Grams
Viscose generic	100%	14.54	187.5079	2726.3643
Total	**100%**	**14.54**	**187.51**	**2726.36**

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	CHINA	CHINA		0
Total				**0**

VISCOSE TWILL - Yarn Production

Process Name	Material
Carding (CO2e g)	Viscose generic (CHINA) 48.3204
Winding (CO2e g)	Viscose generic (CHINA) 111.1369
Sizing (CO2e g)	Viscose generic (CHINA) 2.3123
Ring Spinning (CO2e g)	Viscose generic (CHINA) 231.9379
Warping (CO2e g)	Viscose generic (CHINA) 7.8619
Roving (Co2e g)	Viscose generic (CHINA) 19.3282
Dyeing (CO2e g)	Viscose generic (CHINA) 60.1205
Blowing (CO2e g)	Viscose generic (CHINA) 43.4884
Drawing (CO2e g)	Viscose generic (CHINA) 28.9922
Total	**553.4987**

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	CHINA	CHINA		0
Total				**0**

VISCOSE TWILL - Cutting & Stitching

Process Name	Material
Major cutting	Viscose generic (CHINA) 0.0063
Total	**0.0063**

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	CHINA	CHINA		0
Total				**0**

VISCOSE TWILL - Garment Manufacturing

Process Name	Material
Garment dyeing (CO2e g)	Viscose generic (CHINA) 127.541
Finishing Emissions (CO2g)	Viscose generic (CHINA) 77.7689
Laundry Emissions (CO2e g)	Viscose generic (CHINA) 77.7689
Washing & Drying Emissions	Viscose generic (CHINA) 11.4061
Total	**294.4849**

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	CHINA	CHINA		0
Total				**0**

Production Group	Process Name	Country	CO2e	Value
Addition	Zip (cm)	CHINA	0.5724	60

VISCOSE TWILL - Fabric Production

Process Name	Material
Heat Setting (CO2e g)	Viscose generic (CHINA) 0.2074
Coating (CO2e g)	Viscose generic (CHINA) 0
Bonding (CO2e g)	Viscose generic (CHINA) 0.4303
Weaving (CO2e g)	Viscose generic (CHINA) 197.0145
Total	**197.6522**

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	CHINA	CHINA		0
Total				**0**

VISCOSE TWILL - Finishing & Packaging

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	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
Nylon Polyamide or Nylon 66	CHINA	UNITED KINGDOM	AIR - 0	0
Polyester China	CHINA	UNITED KINGDOM	AIR - 0	0
Total				**0**

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