# Product Carbon Footprint Calculation Results

02/04/2025 - 15:45

| Product | SKU |
|---|---|
| DRESSES | CASA MINI DRESS |

| Layer | Gender | Wastage Percentage |
|---|---|---|
| Tops | Women | 5% |

| Property Name | Property Value | SQM |
|---|---|---|
| Upper body length | regular | 0.6 |
| Fit | slim | 1.44 |
| Sleeves | no sleeves | 0 |
| Neck | open back | -0.032 |
| EU SIZE | L woman | 0.19897744204083448 |

| Layer | Gender | Wastage Percentage |
|---|---|---|
| Skirts | Women | 5% |

| Property Name | Property Value | SQM |
|---|---|---|
| Length | short | 0.3657 |
| Shape | tube straight | 0 |
| Rise | regular | 0 |
| EU SIZE | L woman | 0.19897744204083448 |

## External - Raw Material

| Material | Percentage | CO2e per GRAM | Fabric Grams | CO2e Grams |
|---|---|---|---|---|
| Viscose generic | 100% | 14.54 | 94.5145 | 1374.2403 |
| **Total** | **100%** | **14.54** | **94.51** | **1374.24** |

| Material | Origin Country | Destination Country | Transports | Transport CO2e Grams |
|---|---|---|---|---|
| Viscose generic | INDIA | INDIA | | 0 |
| **Total** | | | | **0** |

## External - Yarn Production

| Process Name | Material |
|---|---|
| Carding (CO2e g) | Viscose generic (INDIA) 34.1779 |
| Winding (CO2e g) | Viscose generic (INDIA) 78.6093 |
| Sizing (CO2e g) | Viscose generic (INDIA) 1.6356 |
| Ring Spinning (CO2e g) | Viscose generic (INDIA) 164.0541 |
| Warping (CO2e g) | Viscose generic (INDIA) 5.5609 |
| Roving (Co2e g) | Viscose generic (INDIA) 13.6712 |
| Yarn Production - Dyeing (CO2e g) | Viscose generic (INDIA) 42.5244 |
| Blowing (CO2e g) | Viscose generic (INDIA) 30.7601 |
| Drawing (CO2e g) | Viscose generic (INDIA) 20.5068 |
| **Total** | **391.50030000000004** |

| Material | Origin Country | Destination Country | Transports | Transport CO2e Grams |
|---|---|---|---|---|
| Viscose generic | INDIA | INDIA | | 0 |
| **Total** | | | | **0** |

## External - Cutting & Stitching

| Process Name | Material |
|---|---|
| Major cutting | Viscose generic (INDIA) 0.0045 |
| **Total** | **0.0045** |

| Material | Origin Country | Destination Country | Transports | Transport CO2e Grams |
|---|---|---|---|---|
| Viscose generic | INDIA | INDIA | | 0 |
| **Total** | | | | **0** |

## External - Fabric Production

| Process Name | Material |
|---|---|
| Heat Setting (CO2e g) | Viscose generic (INDIA) 0.1467 |
| Weaving (CO2e g) | Viscose generic (INDIA) 139.3521 |
| **Total** | **139.49880000000002** |

| Material | Origin Country | Destination Country | Transports | Transport CO2e Grams |
|---|---|---|---|---|
| Viscose generic | INDIA | INDIA | | 0 |
| **Total** | | | | **0** |

## External - Garment Manufacturing

| Process Name | Material |
|---|---|
| Finishing Emissions (CO2g) | Viscose generic (INDIA) 55.0074 |
| Laundry Emissions (CO2e g) | Viscose generic (INDIA) 55.0074 |
| Washing & Drying Emissions | Viscose generic (INDIA) 8.0678 |
| **Total** | **118.0826** |

| Material | Origin Country | Destination Country | Transports | Transport CO2e Grams |
|---|---|---|---|---|
| Viscose generic | INDIA | INDIA | | 0 |
| **Total** | | | | **0** |

| Production Group | Process Name | Country | CO2e | Value |
|---|---|---|---|---|
| Addition | Zip (cm) | INDIA | 0.1908 | 20 |

## External - Finishing & Packaging

| Material | Origin Country | Destination Country | Transports | Transport CO2e Grams |
|---|---|---|---|---|
| Viscose generic | INDIA | INDIA | | 0 |
| **Total** | | | | **0** |

| Production Group | Process Name | Country | CO2e | Value |
|---|---|---|---|---|
| --- | Plastic Hanger | INDIA | 0.1209 | 1 |

## Fabric_2 - Raw Material

| Material | Percentage | CO2e per GRAM | Fabric Grams | CO2e Grams |
|---|---|---|---|---|
| Silk generic | 54% | 52.5 | 35.7265 | 1875.6395 |
| Viscose generic | 40% | 14.54 | 37.8058 | 549.6961 |
| Elastane generic | 6% | 10.7 | 11.3417 | 121.3566 |
| **Total** | **100%** | **77.74** | **84.87** | **2546.69** |

| Material | Origin Country | Destination Country | Transports | Transport CO2e Grams |
|---|---|---|---|---|
| Silk generic | CHINA | CHINA | | 0 |
| Viscose generic | CHINA | CHINA | | 0 |
| Elastane generic | CHINA | CHINA | | 0 |
| **Total** | | | | **0** |

## Fabric_2 - Yarn Production

| Process Name | Material | | |
|---|---|---|---|
| Carding (CO2e g) | Silk generic (CHINA) 9.2066 | Viscose generic (CHINA) 9.7425 | Elastane generic (CHINA) 2.9227 |
| Winding (CO2e g) | Silk generic (CHINA) 21.1753 | Viscose generic (CHINA) 22.4077 | Elastane generic (CHINA) 6.7223 |
| Sizing (CO2e g) | Silk generic (CHINA) 0.4406 | Viscose generic (CHINA) 0.4662 | Elastane generic (CHINA) 0.1399 |
| Ring Spinning (CO2e g) | Silk generic (CHINA) 44.1919 | Viscose generic (CHINA) 46.7639 | Elastane generic (CHINA) 14.0292 |
| Warping (CO2e g) | Silk generic (CHINA) 1.498 | Viscose generic (CHINA) 1.5851 | Elastane generic (CHINA) 0.4755 |
| Roving (Co2e g) | Silk generic (CHINA) 3.6827 | Viscose generic (CHINA) 3.897 | Elastane generic (CHINA) 1.1691 |
| Yarn Production - Dyeing (CO2e g) | Silk generic (CHINA) 11.455 | Viscose generic (CHINA) 12.1216 | Elastane generic (CHINA) 3.6365 |

| Process Name | Material | | |
|---|---|---|---|
| Blowing (CO2e g) | Silk generic (CHINA) 8.286 | Viscose generic (CHINA) 8.7682 | Elastane generic (CHINA) 2.6305 |
| Drawing (CO2e g) | Silk generic (CHINA) 5.524 | Viscose generic (CHINA) 5.8455 | Elastane generic (CHINA) 1.7536 |
| **Total** | **105.4601** | **111.59770000000002** | **33.4793** |

| Material | Origin Country | Destination Country | Transports | Transport CO2e Grams |
|---|---|---|---|---|
| Silk generic | CHINA | CHINA | | 0 |
| Viscose generic | CHINA | CHINA | | 0 |
| Elastane generic | CHINA | CHINA | | 0 |
| **Total** | | | | **0** |

## Fabric_2 - Cutting & Stitching

| Process Name | Material | | |
|---|---|---|---|
| Major cutting | Silk generic (INDIA) 0.0017 | Viscose generic (INDIA) 0.0018 | Elastane generic (INDIA) 0.0005 |
| **Total** | **0.0017** | **0.0018** | **0.0005** |

| Material | Origin Country | Destination Country | Transports | Transport CO2e Grams |
|---|---|---|---|---|
| Silk generic | INDIA | INDIA | | 0 |
| Viscose generic | INDIA | INDIA | | 0 |
| Elastane generic | INDIA | INDIA | | 0 |
| **Total** | | | | **0** |

## Fabric_2 - Fabric Production

| Process Name | Material | | |
|---|---|---|---|
| Heat Setting (CO2e g) | Silk generic (CHINA) 0.0395 | Viscose generic (CHINA) 0.0418 | Elastane generic (CHINA) 0.0125 |
| Weaving (CO2e g) | Silk generic (CHINA) 37.5378 | Viscose generic (CHINA) 39.7225 | Elastane generic (CHINA) 11.9168 |
| **Total** | **37.577299999999994** | **39.7643** | **11.9293** |

| Material | Origin Country | Destination Country | Transports | Transport CO2e Grams |
|---|---|---|---|---|
| Silk generic | CHINA | INDIA | Truck/Heavy goods vehicle - 0<br>Aircraft - 0 | 0 |
| Viscose generic | CHINA | INDIA | Truck/Heavy goods vehicle - 0<br>Aircraft - 0 | 0 |
| Elastane generic | CHINA | INDIA | Truck/Heavy goods vehicle - 0<br>Aircraft - 0 | 0 |
| **Total** | | | | **0** |

## Fabric_2 - Garment Manufacturing

| Process Name | Material | | |
|---|---|---|---|
| Finishing Emissions (CO2g) | Silk generic (INDIA) 20.7928 | Viscose generic (INDIA) 22.003 | Elastane generic (INDIA) 6.6009 |
| Laundry Emissions (CO2e g) | Silk generic (INDIA) 20.7928 | Viscose generic (INDIA) 22.003 | Elastane generic (INDIA) 6.6009 |
| Washing & Drying Emissions | Silk generic (INDIA) 3.0496 | Viscose generic (INDIA) 3.2271 | Elastane generic (INDIA) 0.9681 |
| **Total** | **44.6352** | **47.2331** | **14.1699** |

| Material | Origin Country | Destination Country | Transports | Transport CO2e Grams |
|---|---|---|---|---|
| Silk generic | INDIA | INDIA | | 0 |
| Viscose generic | INDIA | INDIA | | 0 |
| Elastane generic | INDIA | INDIA | | 0 |
| **Total** | | | | **0** |

| Production Group | Process Name | Country | CO2e | Value |
|---|---|---|---|---|
| Addition | Zip (cm) | INDIA | 0.1908 | 20 |

## Fabric_2 - Finishing & Packaging

| Material | Origin Country | Destination Country | Transports | Transport CO2e Grams |
|---|---|---|---|---|
| Silk generic | INDIA | INDIA | | 0 |
| Viscose generic | INDIA | INDIA | | 0 |
| Elastane generic | INDIA | INDIA | | 0 |
| **Total** | | | | **0** |

| Production Group | Process Name | Country | CO2e | Value |
|---|---|---|---|---|
| --- | Plastic Hanger | INDIA | 0.1209 | 1 |

## Fabric_3 - Raw Material

| Material | Percentage | CO2e per GRAM | Fabric Grams | CO2e Grams |
|---|---|---|---|---|
| Silk generic | 100% | 52.5 | 66.1601 | 3473.4066 |
| **Total** | **100%** | **52.5** | **66.16** | **3473.41** |

| Material | Origin Country | Destination Country | Transports | Transport CO2e Grams |
|---|---|---|---|---|
| Silk generic | CHINA | CHINA | | 0 |
| **Total** | | | | **0** |

## Fabric_3 - Yarn Production

| Process Name | Material |
|---|---|
| Carding (CO2e g) | Silk generic (CHINA) 17.0493 |
| Winding (CO2e g) | Silk generic (CHINA) 39.2135 |
| Sizing (CO2e g) | Silk generic (CHINA) 0.8159 |

| Process Name | Material |
|---|---|
| Ring Spinning (CO2e g) | Silk generic (CHINA) 81.8368 |
| Warping (CO2e g) | Silk generic (CHINA) 2.774 |
| Roving (Co2e g) | Silk generic (CHINA) 6.8197 |
| Yarn Production - Dyeing (CO2e g) | Silk generic (CHINA) 21.2129 |
| Blowing (CO2e g) | Silk generic (CHINA) 15.3444 |
| Drawing (CO2e g) | Silk generic (CHINA) 10.2296 |
| **Total** | **195.29610000000002** |

| Material | Origin Country | Destination Country | Transports | Transport CO2e Grams |
|---|---|---|---|---|
| Silk generic | CHINA | CHINA | | 0 |
| **Total** | | | | **0** |

## Fabric_3 - Fabric Production

| Process Name | Material |
|---|---|
| Heat Setting (CO2e g) | Silk generic (CHINA) 0.0732 |
| Weaving (CO2e g) | Silk generic (CHINA) 69.5144 |
| **Total** | **69.5876** |

| Material | Origin Country | Destination Country | Transports | Transport CO2e Grams |
|---|---|---|---|---|
| Silk generic | CHINA | INDIA | Truck/Heavy goods vehicle - 0<br>Aircraft - 0 | 0 |
| **Total** | | | | **0** |

## Fabric_3 - Garment Manufacturing

| Process Name | Material |
|---|---|
| Finishing Emissions (CO2g) | Silk generic (INDIA) 38.5052 |
| Laundry Emissions (CO2e g) | Silk generic (INDIA) 38.5052 |
| Washing & Drying Emissions | Silk generic (INDIA) 5.6474 |
| **Total** | **82.65780000000001** |

| Material | Origin Country | Destination Country | Transports | Transport CO2e Grams |
|---|---|---|---|---|
| Silk generic | INDIA | INDIA | | 0 |
| **Total** | | | | **0** |

| Production Group | Process Name | Country | CO2e | Value |
|---|---|---|---|---|
| Addition | Zip (cm) | INDIA | 0.1908 | 20 |

## Fabric_3 - Finishing & Packaging

| Material | Origin Country | Destination Country | Transports | Transport CO2e Grams |
|---|---|---|---|---|
| Silk generic | INDIA | INDIA | | 0 |

| Material | Origin Country | Destination Country | Transports | Transport CO2e Grams |
|---|---|---|---|---|
| **Total** | | | | **0** |

| Production Group | Process Name | Country | CO2e | Value |
|---|---|---|---|---|
| --- | Plastic Hanger | INDIA | 0.1209 | 1 |

## Final Transportation

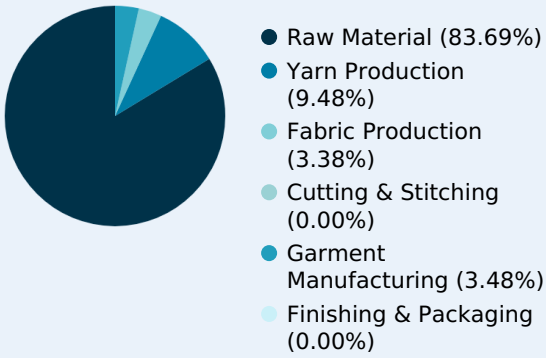
| Material | Origin Country | Destination Country | Transports | Transport CO2e Grams |
|---|---|---|---|---|
| Viscose generic | INDIA | UNITED KINGDOM | AIR - 0 | 0 |
| **Total** | | | | **0** |

### Total Carbon Footprint

**8.83** kg $CO_2e$

**Estimated Offsetting Cost In EUR ***

**0.88** €

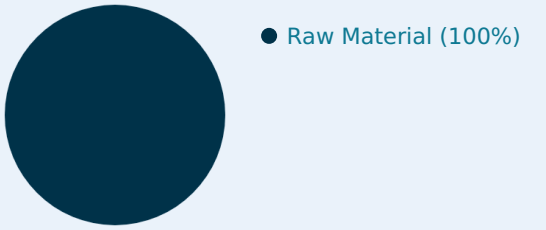



### Raw Material Carbon Footprint

**7.39** kg $CO_2e$

**Estimated Offsetting Cost In EUR ***

**0.74** €




### Transportation Carbon Footprint

**0** kg $CO_2e$

**Estimated Offsetting Cost In EUR ***

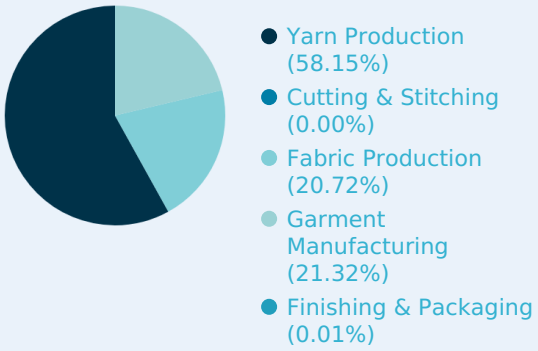
**0** €

### Process Carbon Footprint

**1.44** kg $CO_2e$

**Estimated Offsetting Cost In EUR ***

**0.14** €




* Current Average Market Value Of High Quality Carbon Credit

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