

# DPP Summary Report

Digital Product Passport

**DPP ID:** dpp-001  
**Version:** 1.2.0  
**Status:** **PUBLISHED**

**Published At:** 1/15/2024, 10:00:00 AM  
**Expires At:** 1/15/2029

## Product Information

**Product Name:** Premium Cotton T-Shirt

**Style Reference:** CT-2024-001

**Category:** Apparel

**Season:** Spring/Summer 2024

**Description:** Classic fit cotton t-shirt made from 100% organic cotton with GOTS certification

### Composition:

Material	Percentage	Origin
Organic Cotton	95%	India
Elastane	5%	Germany

### Care Instructions:

- Washing Temperature: 30°C
- Drying: Air dry
- Ironing: Medium
- Do not bleach
- Wash with similar colors

# Sustainability Metrics

3.2 kg CO2e

CARBON FOOTPRINT

2700 liters

WATER USAGE

85%

RECYCLABILITY

## Carbon Footprint Breakdown:

Raw Materials: 1.8 kg CO2e	56.3%
Manufacturing: 0.9 kg CO2e	28.1%
Transportation: 0.3 kg CO2e	9.4%
Packaging: 0.2 kg CO2e	6.3%

## Water Usage Breakdown:

Cotton Growing: 2000 liters	74.1%
Processing: 500 liters	18.5%
Dyeing: 150 liters	5.6%
Finishing: 50 liters	1.9%

# Supply Chain

Supplier	Role	Location	Tier	Sustainability Score	Certifications
Green Cotton Mills Ltd	Primary Manufacturer	Tamil Nadu, India	Tier 1	92/100	GOTS, SA8000, ISO 14001
Organic Farm Cooperative	Cotton Supplier	Gujarat, India	Tier 2	88/100	GOTS, Fair Trade
EcoThread Spinners	Yarn Manufacturer	Karnataka, India	Tier 2	85/100	GOTS, GRS

# Compliance

## Regulations:

Regulation	Region	Status	Validated At
EU Textile Regulation	Europe	COMPLIANT	1/10/2024, 9:00:00 AM
CPSIA Lead Content	United States	COMPLIANT	1/10/2024, 9:00:00 AM
Chinese National Standard GB 18401	China	COMPLIANT	1/10/2024, 9:00:00 AM

## Test Results:

Test Type	Standard	Result	Laboratory	Tested At
Chemical Safety	OEKO-TEX Standard 100	PASS	OEKO-TEX Eco Passport Lab	12/15/2023, 2:00:00 PM
Colorfastness	ISO 105-C06	PASS	Quality Assurance Labs India	12/20/2023, 10:00:00 AM

# Traceability

**Batch Number:** CT001-240115

**Production Date:** 1/15/2024

**Factory Location:** Green Cotton Mills, Tamil Nadu, India

**Production Timeline:**

**Ginning**

Gujarat, India • Organic Farm Cooperative  
Completed: 11/20/2023 • CO<sub>2</sub>: 0.1 kg

**Spinning**

Karnataka, India • EcoThread Spinners  
Completed: 12/1/2023 • CO<sub>2</sub>: 0.3 kg

**Knitting & Dyeing**

Tamil Nadu, India • Green Cotton Mills Ltd  
Completed: 1/10/2024 • CO<sub>2</sub>: 0.6 kg

**Finishing & Packaging**

Tamil Nadu, India • Green Cotton Mills Ltd  
Completed: 1/15/2024 • CO<sub>2</sub>: 0.2 kg

# Circularity

## Design for Circularity:

<div>75%</div> <div>75/100 points</div>	
Material Selection	18/20
High-quality organic materials selected for durability	
Durability	17/20
Reinforced seams and quality construction for extended lifespan	
Repairability	14/20
Standard construction allows for basic repairs	
Recyclability	16/20
Natural fibers easily recyclable through established programs	
Disassembly	10/20
Limited disassembly due to blended materials in trim	

## End of Life Options:

### Textile Recycling

Drop off at textile recycling centers or return to retailer

**Impact:** Reduces waste and conserves resources

### Composting (cotton only)

Remove synthetic components, cotton portion is biodegradable

**Impact:** Returns nutrients to soil, but requires proper separation

### Upcycling

Repurpose into rags, quilting material, or other textile products

**Impact:** Extends product life and reduces waste

## Recommendations:

- Choose textile recycling as the preferred end-of-life option
- Clean garment before disposal
- Remove any non-textile components if possible

# Certifications

## Global Organic Textile Standard (GOTS)

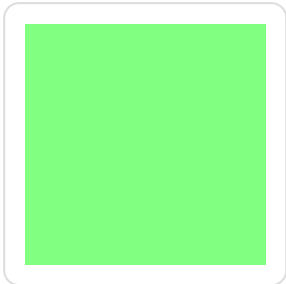
Issuer: GOTS International  
Valid: 1/1/2023 - 1/1/2026  
Certificate Number: GOTS-2023-001

## OEKO-TEX Standard 100

Issuer: OEKO-TEX International  
Valid: 6/1/2023 - 6/1/2024  
Certificate Number: OTX-2023-456

# Digital Access

## Scan for Details:



Scan with your phone to access full product information

## Accessibility Features:

**NFC**  
Enabled

**Digital Twin**  
Available

**Mobile App**  
Available

## Supported Languages:

en, es, fr, de, pt