

Built with Responsibility.

## **Physical Traceability**



- Raysil® ECO is embedded with a molecular tracer during production.
- Enables lab-based verification of the origin at any point in the textile value chain — from yarn to final garment.
- Ensures authenticity and supports traceable sourcing credentials.

## **Digital Traceability**



- Powered by TextileGenesis™, a blockchain-based platform tailored for the fashion industry.
- Uses Fibrecoins™ digital tokens created at the yarn's origin acting as digital twins of physical yarn.
- Prevents duplication and ensures tamper-proof traceability.
- Integrated AI engine verifies and validates all transactions for system integrity.

## Compliance Ready



- Adheres to global standards for social accountability, safety, and environmental responsibility
- Auditable and future-ready for evolving regulatory & compliance needs
- Upholds responsible chemical management along with stringent resource consumption and emission standard



Raysil® ECO is produced using FSC®-certified wood pulp sourced from responsibly managed forests. Recognized with a Green Shirt rating in Canopy's Hot Button Report, it reflects a strong commitment to responsible sourcing that safeguards ancient and endangered forests.

Manufacturing is carried out in facilities compliant with EU BREF (Best Available Techniques Reference) standards, and independently audited for resource consumption, emissions, and chemical management.

The process aligns with globally recognized best practices in social accountability, safety, and environmental responsibility. As part of its commitment to responsible chemical management, Raysil® ECO also aligns with the principles of the ZDHC (Zero Discharge of Hazardous Chemicals) initiative.

A comprehensive Life Cycle Assessment (LCA), conducted using the Cradle-to-Gate methodology, provides transparent and credible data on the environmental impact from raw material sourcing to finished yarn.

## Traceable at every step of lifecycle































ISO 14001 - Environment







End-to-end traceability



FU BAT REF























ISO 45001 - Health & Safety ISO 50001 - Energy SA 8000 - Social Accountability

Maharashtra







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