



# Kapok Fiber Technical Specifications

Export-Grade Quality Data | Loop Farms Indonesia

## Product Overview

Loop Farms supplies premium, traceable kapok fiber (*Ceiba pentandra*) sourced exclusively from sustainable forest ecosystems in Java, Indonesia. Our kapok undergoes strict quality control to ensure consistent, export-grade performance for global bedding and textile manufacturers.

## Technical Specifications

|                            |                                    |
|----------------------------|------------------------------------|
| <b>Botanical Name</b>      | Ceiba pentandra                    |
| <b>Origin</b>              | Java, Indonesia                    |
| <b>Fiber Color</b>         | Natural light yellow / milky white |
| <b>Moisture Content</b>    | ~10–13%                            |
| <b>Density</b>             | Very low (highly buoyant)          |
| <b>Texture</b>             | Silky, smooth, high loft           |
| <b>Odor</b>                | Odorless                           |
| <b>Primary Application</b> | Filling / Insulation               |

|                          |  |
|--------------------------|--|
| <b>Processing</b>        | Mechanically cleaned, dried, and baled   |
| <b>Quality Standards</b> | ISO 9001, OEKO-TEX® certified            |
| <b>Packaging</b>         | Compressed bales 25kg and 100kg          |
| <b>Shelf Life</b>        | Indefinite when stored in dry conditions |

## Quality Assurance

- ISO 9001 Quality Management System certified
- OEKO-TEX® Standard 100 certified (safe for premium bedding)
- Regular laboratory testing for moisture, cleanliness, and fiber integrity
- Traceable supply chain from forest to manufacturer
- Consistent quality across all production batches

## Applications

- Premium pillow and mattress fillings
- Upholstery padding and cushions
- Insulation materials
- Eco-textile and apparel products
- Specialty bedding and comfort products

## Shipping & Container Capacities

Approximate net weights for standard shipping containers:

| <b>Container Type</b> | <b>Bale Size</b> | <b>Approximate Net Weight</b> |
|-----------------------|------------------|-------------------------------|
| 20ft Container        | 25kg bales       | 3.5 tons                      |
| 20ft Container        | 100kg bales      | 7 tons                        |
| 40ft Container        | 25kg bales       | 8 tons                        |

|                |             |           |
|----------------|-------------|-----------|
| 40ft Container | 100kg bales | 18.5 tons |
|----------------|-------------|-----------|

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*This specification sheet is for informational purposes. For custom specifications, samples, or bulk pricing inquiries, please contact our export team.*