

### 1. Product Details

- **Product Name:** Cocopeat
- **Raw Material:** Coconut husk
- **Type:** Natural soil amendment and growing medium
- **Origin:** India, Sri Lanka
- **Description:** Cocopeat is a natural, sustainable, and biodegradable product obtained by processing coconut husk. It is widely used in horticulture, gardening, and agriculture as a growing medium, soil amendment and potting mix component.



### 2. Physical Specifications

Parameter	Specification
Appearance	Fine granular peat or compressed blocks
Color	Light brown to dark brown
Particle Size	≤ 8mm
Moisture Content	≤ 18%
Compression Ratio	5:1 (for compressed blocks)
Sand Content	≤ 3%
Foreign Matter	≤ 0.5%

### 3. Chemical Specifications

Parameter	Specification
pH Value	5.8–6.8
EC (Electrical Conductivity)	≤ 1.0 mS/cm (Low EC Grade)
Organic Matter	≥ 95%
Cation Exchange Capacity (CEC)	100 meq/100grams
Potassium (K)	<500PPM
Nitrogen (N)	Trace amounts
Lignin Content	29%

### 4. Applications

- **Horticulture:** Used as a soil conditioner and growing medium.
- **Hydroponics:** Ideal as a soilless growing medium due to excellent water retention and aeration.
- **Potting Mixes:** Mixed with soil or other growing media for potted plants.
- **Soil Amendment:** Enhances water holding capacity and aeration in gardens.

### 5. Packing and Shipping Details

- **Packing:**
  - Compressed blocks, briquettes, or loose bulk.
  - Common sizes: **Blocks:** 5kg or custom sizes.  
**Briquettes:** 650g or custom sizes.
- **Container Loading Capacity:**
  - **40ft Container: Compressed Blocks:** Up to 25 MT (approx. 5000 blocks).
- **Storage:**
  - Store in a dry, ventilated area away from moisture.
- **Shelf Life:** When compressed, it is advised to expand it within 1 year to achieve greater expansion, loose cocopeat is extremely durable and can hold its properties upto 5 years.