

# PRODUCT CATALOG

Your Trusted Partner for Sustainable Coconut-Based Products

## COCONUT SHELL CHARCOAL (CARANG TEMPURUNG KELAPA)



Coco Palma provides premium-quality coconut shell charcoal made from 100% natural coconut shells. It offers high heat output, stable burning, low smoke, and is environmentally friendly, making it ideal for both household and industrial use.

### Specifications:

- Material: 100% Coconut Shell
- Ash Content:  $\pm 2-5\%$
- Moisture:  $< 15\%$
- Volatile Matter:  $10-12\%$

### Applications:

- Charcoal Briquettes (BBQ & Shisha)
- Industrial Fuel
- Activated Carbon Production



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## COPRA (KOPRA KELAPA KERING)



Coco Palma produces high-quality copra made from selected coconuts, processed hygienically to ensure the best raw material for coconut oil and its derivatives. The product is available in edible grade with consistent quality.

### Specifications:

- Type: White Copra / Edible Grade
- Moisture: Max 6%
- Oil Content: 60–65%
- Color: White to Light Brown
- Drying Method: Sun-dried / Machine-dried

### Applications:

- Coconut Oil Production
- Food Processing Industry



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## COCO FIBER & COCO PEAT (SERABUT KELAPA)



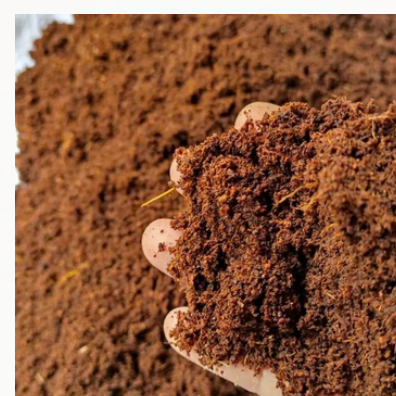
Coco Palma's coconut fiber products are processed using modern standards to produce high-quality coco fiber and coco peat, widely used in agriculture, horticulture, and industrial applications.

### Coco Fiber Specifications:

- Fiber Length: 5–25 cm
- Moisture: <15%
- Packaging: Compressed Bales
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### Applications:

- Hydroponic Systems
- Planting Media
- Soil Conditioner



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## PALM KERNEL SHELL (NON SCREENING & SCREENING)

Coco Palma supplies high-quality Palm Kernel Shell (PKS) sourced from premium palm processing materials. Known for its high calorific value, low sulfur content, and eco-friendly characteristics, PKS is widely used as a sustainable biomass fuel alternative for industrial energy needs worldwide.

Specification : (Based on SUCOFINDO Analysis):

- Material: Palm Kernel Shell (Screening)
- Total Moisture: 10.92% (ar)
- Inherent Moisture: 6.09% (adb)
- Ash Content: 4.24% (ar)
- Volatile Matter: 70.33% (adb)
- Fixed Carbon: 20.35% (db)
- Total Sulfur: 0.05%
- Gross Calorific Value: 4306 Kcal/kg (ar)
- Gross Calorific Value: 4539 Kcal/kg (adb)
- Foreign Material: Minimal

### Applications:

- Biomass Fuel for Industrial Boilers
- Renewable Energy Power Plants
- Cement & Manufacturing Industries
- Steam Generation Systems
- Biomass Co-Firing
- Industrial Heating Applications
- Export Biomass Fuel Supply
- Sustainable Energy Production



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## PALM SHELL CHARCOAL

Coco Palma supplies high-quality Palm Shell Charcoal produced from selected palm kernel shells through a controlled carbonization process. With high fixed carbon content, strong calorific value, low sulfur, and minimal ash, this product is an efficient and eco-friendly energy source suitable for industrial and commercial applications.

Specification : (Based on SUCOFINDO Analysis):

- Material: Palm Shell Charcoal
- Total Moisture: 5.78% (ar)
- Inherent Moisture: 3.72% (adb)
- Ash Content: 3.86% (adb)
- Volatile Matter: 18.93% (adb)
- Fixed Carbon: 73.49% (adb)
- Total Sulfur: 0.02% (adb)
- Gross Calorific Value: 6945 Kcal/kg (ar)
- Gross Calorific Value: 7097 Kcal/kg (adb)
- Gross Calorific Value: 7670 Kcal/kg (db)

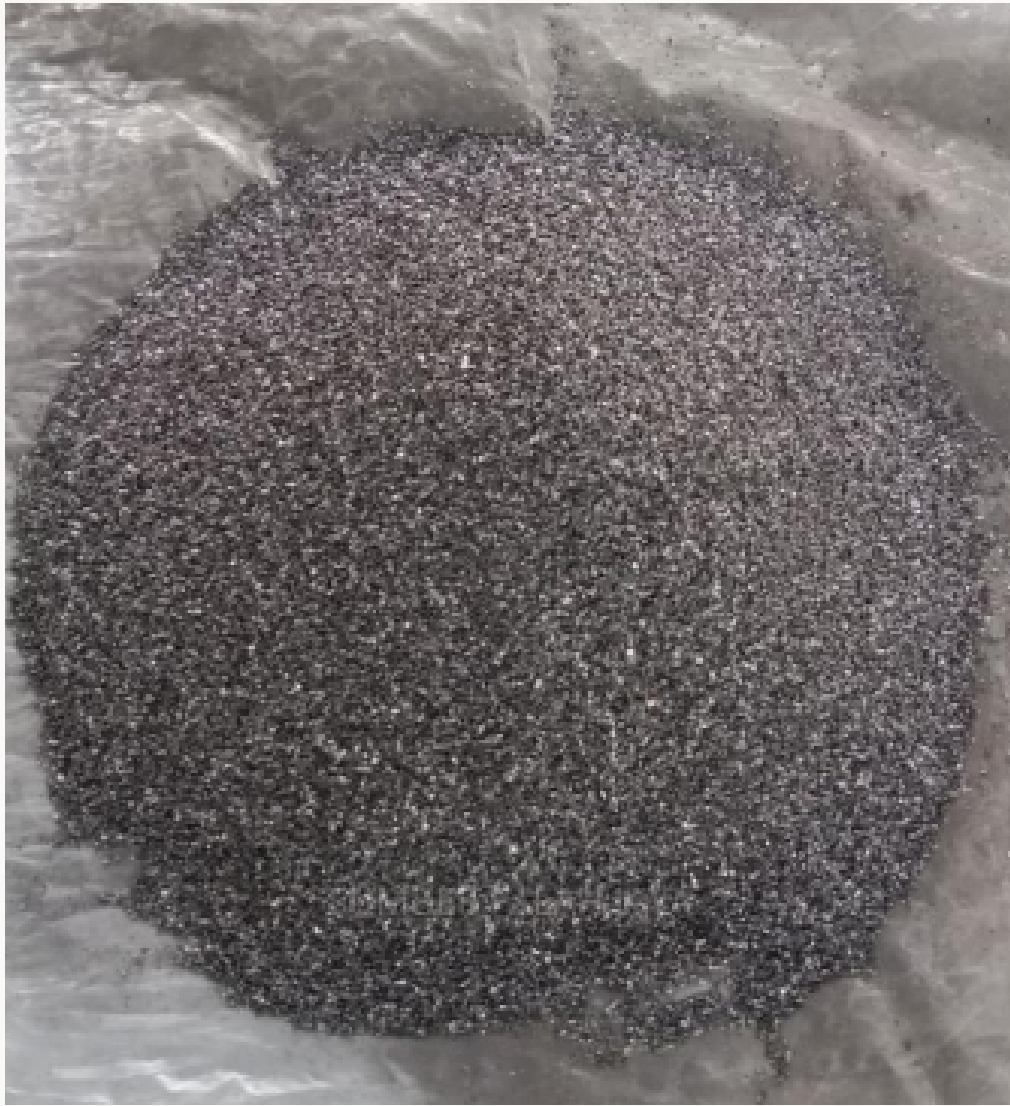
Applications:

- Industrial Fuel
- Biomass Energy Production
- Activated Carbon Manufacturing
- Charcoal Briquette Production
- Metallurgical Industries
- Industrial Heating Systems
- Renewable Energy Applications
- Export Commodity for Energy Markets



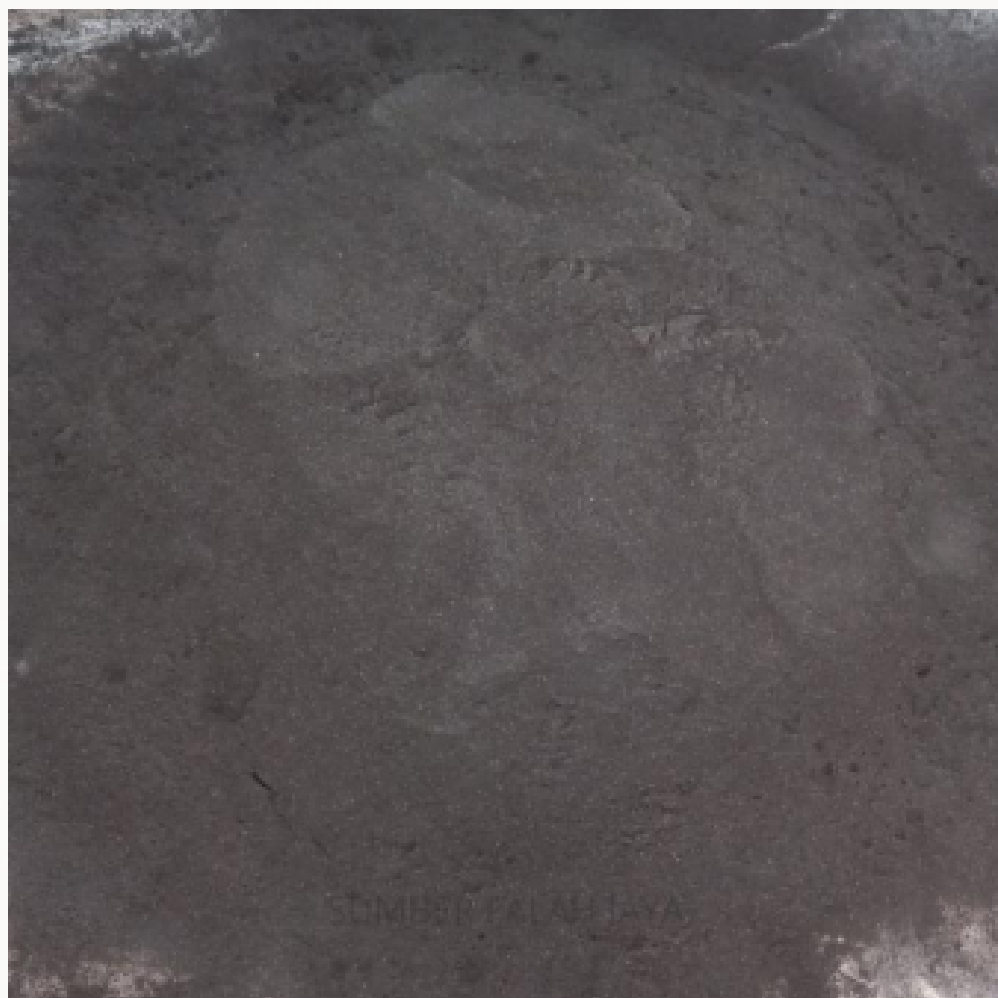
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## ACTIVATED CARBON (MESH 30 & POWDER)

Coco Palma provides premium-quality Activated Carbon available in Powder and Mesh 30 specifications, produced from high-grade carbon materials with excellent adsorption capability and consistent quality. Featuring high fixed carbon content, low moisture, and low ash levels, this product is highly effective for purification, filtration, and various industrial processing applications.



Specification : (Based on SUCOFINDO Analysis):

- Product: Activated Carbon (Mesh 30)
- Total Moisture: 1.18% (ar)
- Moisture in the Analysis Sample: 0.83% (adb)
- Ash Content: 3.85% (ar)
- Volatile Matter: 5.96% (ar)
- Fixed Carbon: 89.01% (ar)
- Total Sulfur: 0.50% (ar)
- Gross Calorific Value: 7886 Kcal/kg (ar)

### Applications:

- Water Treatment & Purification
- Air and Gas Filtration
- Gold Recovery Processing
- Food & Beverage Industry
- Pharmaceutical Industry
- Chemical Purification
- Wastewater Treatment
- Industrial Filtration Systems
- Odor Removal Applications
- Activated Carbon Manufacturing & Export Markets

