

**PESUD PLANTATION
GROUP**



Product Catalogue



We have tremendous supply capacity for Palm Oil and its by-products at very low costs since we are located in Southeast Asia (SEA), namely in Indonesia, near to Malaysia, and because we are both the world's largest producers of Palm Oil.

Apart of being producer, we are part of an extended network who allows us to connect to the regional major mills, providing bigger quantities of any palm related products. We are prepared to supply you with the highest quality products at the most competitive prices.

The available specifications are listed below however we can also provide custom specifications (only for certain products).

PORAM Standard

Free Fatty Acid	: 5% (Max)
Moisture & Impurities	: 0.25% (Max)
Saponification Value	: 195 – 205
Iodine Value	: 50 – 55
Melting Point	: Preferably 33°C and not more than 39°C
Refractive Index at 50°C	: 1.4491 – 1.4452
Unsaponifiable Matter	: 1.2% (Max)
Specific Gravity at 42°C	: 0.895 – 0.987
DOBI	: 2.3 Min

Can be processed into

- Bio-Fuels
- Glycerin
- Food Industry
- Cosmetic/Pharmaceutical



CPO
Crude Palm Oil



HACPO

High Acid Crude Palm Oil

HACPO (High Acid Crude Palm Oil), is produced from highly mature palm oil fruit which will result in a high acid palm oil.

It is not sell-able for cooking oil refineries since it is a High Acid Crude Palm Oil. The main markets for this Acid CPO are the animal feeds manufacturers, cosmetic/pharmaceutical factories, and bio-fuels refineries

Pesud Plantation Group is well-positioned to provide excellent High Acid Crude Palm Oil with a wide range of acidity levels (FFA).

Specifications

Free Fatty Acid : 10% up to 35% (*Max*)
Moisture and Impurities : 2% (*Below*)

Can be processed into

- Animal Feeds
- Bio-Fuels
- Glycerin
- Cosmetic/Pharmaceutical

PAO

Palm Acid Oil

PAO (Palm Acid Oil) is a bio-fuel feedstock. Palm acid oil is a by-product of the manufacture of Crude Palm Oil at Palm Mills.

Palm Acid Oil is made up of two parts: a high **FFA product (above 20% - up to 90%)** and a **neutral oil containing 2-3% moisture and other contaminants**. This product is primarily used for feedstock addition and, more recently, for the production of biofuel or biodiesel.

Can be processed into

- Bio-Fuels
- Cosmetic/Pharmaceutical

PALM KERNEL

Palm kernel is the seed of the palm oil fruit that yields palm kernel oil.

Not only is crude palm kernel oil produced, but the expeller is converted into a highly valuable commodity known as palm kernel expeller.

Can be processed into

- Crude Palm Kernel Oil

PKE

Palm Kernel Expeller

Palm Kernel Expeller (PKE), Palm Kernel Meal or Palm Kernel Cake is a by-product of the palm oil fruit extraction process from the palm oil fruit. Palm Kernel Expeller is a feedstock of high quality containing high levels of crude protein and medium energy levels.

It is completely safe to feed your cattle with this by-product and can be used as a supplement for most classes of livestock giving them great level of nutrients that they need to grow healthy.

Can be processed into

- Animal Feeds
- Fertilizer

PKS

Palm Kernel Shell

Palm Kernel Shell can be used as a biomass source. The shell fractions obtained after the nut has been removed following crushing in the Palm Oil mill are referred to as Palm Kernel Shell (PKS). Palm Kernel Shells are a fibrous material that may be easily handled in bulk from the mill to the final application. PKS is made up of large and small shell fractions, as well as dust-like fractions and small fiber.

PKS has a low moisture content when compared to other biomass residues, with estimates ranging from 11 to 13 percent based on various sources. PKS contains traces of palm oil, which helps to explain why it has a higher heating value than typical lignocellulosic biomasses. When compared to other industrial residues, it's a high-quality biomass fuel with a consistent size distribution, is simple to handle and crush, and has minimal biological activity due to the low moisture content.

Can be processed into

- Biomass

Factories & Stockpile

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Berau Factory



Focus on HACPO Production

Capacity
Max 10 ton/hour

Storage

HACPO: 1.000 MT
PKS: 2.000 MT

Langkat Factory



Focus on HACPO Production

Capacity
Max 30 ton/hour

Storage

HACPO: 1.000 MT

**Production capacity depends on the fruit supply

Bengkulu Stockpile



Focus on Collecting and Screening of PKS

Capacity
Max. 60 Ton/hour

Storage | Unscreened: 20,000 MT
Screened: 15,000 MT

Pulau Baai Port



Loading Port Area

Loading Rate
2,500 MT/Day

Depth
-(8-9) meter

Capacity
35,000 DWT

Opportunities

This is a once-in-a-lifetime opportunity to acquire a consistent and monthly supply beginning in 2022.

Contact Us in order to get full details of **Terms & Condition**

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Thank You

