



E - CATALOG PALM OILS

Period 2024



E-CATALOG PRODUCTS

CRUDE PALM OIL



DESCRIPTION

Crude Palm Oil or palm oil is an edible vegetable oil obtained from the mesocarp of the fruit of the oil palm tree, generally from the species *Elaeis guineensis* and to a lesser extent from the species *Elaeis oleifera* and *Attalea maripa*. Palm oil is naturally red due to its high beta-carotene content.

APPLICATION

Crude Palm Oil has a variety of uses in various sectors. This oil is used in the food and beverage industry, such as margarine, cooking oil and processed food products. Apart from that, CPO is also used in biodiesel production as an environmentally friendly alternative fuel.

SPECIFICATION CRUDE PALM OIL (CPO)

FFA as Palmitic

5% Max

Moisture & Impurities (M&I)

0,5% Max

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PALM FATTY ACID DISTILLATE



DESCRIPTION

Palm Fatty Acid Distillate (PFAD) is a by-product obtained during the process of refining crude palm oil. This product is a brownish semisolid material and is rich in free fatty acids. PFAD is produced by refining crude palm oil under high temperatures and vacuum conditions, which helps separate low-boiling free fatty acids from the oil.

APPLICATION

Palm Fatty Acid Distillate (PFAD) is used in many industries such as laundry soap, animal feed industries and also as raw material for the oleo chemical industry. PFAD is also often considered as a valuable and low cost raw material for bio-diesel production.

SPECIFICATION PALM FATTY ACID DISTILLATE (PFAD)

FFA as Palmitic

70% Max

Moisture & Impurities (M&I)

1% Max

Saponifiable Matter

95% Min

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RBD PALM OIL



DESCRIPTION

Refined, Bleached & Deodorised (RBD) Palm Oil. RBD palm oil is obtained from refining crude palm oil. It is a light yellow liquid and semi-solid at room temperature, melting to a clear yellow liquid on slight heating.

APPLICATION

RBD palm oil is used as frying oil for food industries such as instant noodles and snack food. It can also be used to manufacture margarine, shortening, ice cream, condensed milk and soap.

SPECIFICATION RBD PALM OIL

FFA as Palmitic	0,1% Max
Moisture & Impurities (M&I)	0,1% Max
Iodine Value (IV)	50 - 55
Melting Point	33°C - 39°C
Color (5¼¹¹ Lovibond Cell)	3 Red Max

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RBD PALM OLEIN



DESCRIPTION

RBD palm olein is obtained from fractioning of refined palm oil to separate liquid parts (olein) from solid parts (stearin). It is clear yellow liquid at room temperature.

APPLICATION

RBD palm olein is used as cooking oil as well as frying oil for food industries such as snack food and ready-to-eat food. It is also used as raw materials for margarine and shortening.

SPECIFICATION RBD PALM OLEIN

FFA as Palmitic	0,1% Max
Moisture & Impurities (M&I)	0,1% Max
Iodine Value (IV)	56 Min
Melting Point	24°C Max
Color (5^{1/4} Lovibond Cell)	3 Red Max

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RBD PALM STEARIN



DESCRIPTION

Refined bleached deodorized palm stearin (RBD Palm Stearin) is a fractionated oil, yellowish white solid which is obtained by fractionating RBD Palm Oil or Crude Palm Oil and has undergone a refining process.

APPLICATION

RBD palm stearin are widely used in margarine and shortening industries. It is also used in soap, candles and oleochemical industries.

SPECIFICATION RBD PALM STEARIN

FFA as Palmitic	0,2% Max
Moisture & Impurities (M&I)	0,15% Max
Iodine Value (IV)	48 Max
Melting Point	44°C Min
Color (5¼¹¹ Lovibond Cell)	3 Red Max