



Technical Specifications Refined Palm Oil (RPO)

PRODUCT DESCRIPTION

Refined, bleached and deodorized edible liquid oil, obtained by mechanical extraction of the mesocarp of the African palm fruit..

TECHNICAL SPECIFICATIONS

Acidity, as palmitic acid %.	0.08 MAX
Iodine value	50 - 52
Saponification index	195 - 205
Peroxide value (meq O ₂ /kg)	0.5 (Factory default) - 0.8 (Outside factory) MAX
Moisture & Volatiles % m/m	0.02 MAX
Lovibond color, cell 5 ¼ in.	3.0 R 40 Y MAX
Capillary melting point °C	36 - 39
Fat solids content x NMR %	@10°C 50 - 54 @30°C 8 - 10 @20°C 24 - 28 @35°C 4 - 6

FATTY ACID PROFILE

Caproic C6:0	NP	Palmitic C16:0	41 - 47
Caprylic C8:0	NP	Stearic C18:0	3.5 - 6.0
Capric C10:0	NP	Oleic C18:1	36.0 - 44.0
Lauric C12:0	Less than 0.4	Linoleic C18:2	6.5 - 12
Myristic C14:0	5.0 - 2.0	Linolenic C18:3	Less than 0.5

PRESENTATIO

Bulk. Stainless steel thermal tank with heating coil or thermal tank.

USES

Due to its physical composition, palm oil can be used in various preparations without hydrogenation. It does not contain trans acids. It is used for the production of cooking oils, bakery products, pastry, confectionery, ice cream, instant soups, sauces, various frozen and dehydrated dishes, non-dairy creamers to be mixed with coffee. It is also used in the manufacture of oleochemical products.

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