



Crude Palm Oil

CPO

Use

Crude Palm Oil (CPO) is primarily used as a raw material in the food, oleochemical, and energy industries. It is processed into refined edible oils, fats, and ingredients for cooking oils, margarines, and food formulations. In the oleochemical sector, CPO is widely utilized in the production of soaps, detergents, cosmetics, surfactants, and industrial lubricants. Additionally, crude palm oil serves as a key feedstock for biodiesel and other bioenergy applications due to its high oil yield and process efficiency.

Packaging

Supplied in bulk via heated tank trucks, ISO tank containers, and bulk storage tanks designed to maintain controlled temperatures to preserve fluidity and quality. Packaging and transport systems ensure product integrity, safe handling, and compliance with international logistics and storage standards.

Our commitment

At ARZA Commodities, we will always seek to comply with the critical parameters of FFA, MIU, and Color/DOBI, which are considered non-negotiable for physical refining processes, as any deviation may increase yield losses, operational reprocessing, and energy consumption during refining.



Characteristics

Parámetro	Unidad	Objetivo	Máximo aceptable	Método de referencia
Ácidos Grasos Libres (FFA)	% como ácido palmítico	≤ 3.0	3.5 (rechazo > 3.5)	AOCS Ca 5a-40
Humedad e Impurezas (MIU)	% m/m	≤ 0.25	0.30	AOCS Ca 2c-25
Índice de Peróxidos (PV)	meq O ₂ /kg	≤ 2.0	3.0	AOCS Cd 8b-90
Color Lovibond (5¼")	R / Y	≤ 15R / 150Y	≤ 18R / 180Y	AOCS Cc 13e-92
DOBI (si aplica)	–	≥ 2.5	≥ 2.3	MPOB / UV-Vis
Materia Insoluble	%	≤ 0.10	0.15	AOCS
Metales traza (Fe + Cu)	ppm	≤ 5	7	ICP / AAS
Temperatura de entrega	°C	45 – 55	40 – 60	—

