OFFICIAL EXPORT TECHNICAL DATA SHEET (TDS) • 2026 EDITION

CHIMERT AGRO

Agro-Commodities & Industrial Biomass Export Division of **Chimert Concepts & Logistics Limited**

CAC Reg No: RC 1873091 (Nigeria)
Export License: NEPC Registered Exporter
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ORIGIN & SOURCING BELT	LOADING PORTS (NIGERIA)	PRE-SHIPMENT ASSAY	MONTHLY SUPPLY CAPACITY
Ondo, Edo, Ogun & Benin	Apapa / Tin Can / Lekki	SGS / Bureau Veritas	500 – 10,000+ MT

01. PALM KERNEL SHELLS (PKS) — INDUSTRIAL BIOMASS SOLID BIOFUEL

HS Code: 1404.90.00 • Dura / Tenera Screened

PARAMETER	GUARANTEED EXPORT SPEC	TYPICAL ASSAY	INTERNATIONAL TEST STANDARD
Net Calorific Value (NCV / LHV, ARB)	≥ 4,000 – 4,300 kcal/kg	4,180 kcal/kg (17.5 MJ/kg)	ISO 18125 / ASTM D5865
Gross Calorific Value (GCV / HHV, ADB)	≥ 4,650 – 4,950 kcal/kg	4,820 kcal/kg	ISO 18125 / Bomb Calorimeter
Total Moisture Content (ARB)	≤ 12.0% – 14.5% Max	11.8% (Warehouse Dried)	ISO 18134-2
Ash Content (Dry Basis)	≤ 3.0% Max	2.1%	ISO 18122
Total Sulfur (S, Dry Basis)	≤ 0.08% Max	0.04%	ISO 16994
Total Chlorine (Cl, Dry Basis)	≤ 0.05% Max	0.03%	ISO 16994
Foreign Matter / Fiber / Dust (<2mm)	≤ 2.0% Max	< 1.2% (Rotary Screened)	Physical Sieve Analysis
Particle Size & Bulk Density	5mm – 25mm (≥85%)	580 – 650 kg/m³	ISO 17828 / ISO 17827

02. PALM KERNEL NUTS (PKN) — CRUSHING GRADE OILSEED KERNELS

HS Code: 1207.10.00 • High Lauric Oil Yield

PARAMETER	GUARANTEED EXPORT SPEC	TYPICAL ASSAY	INTERNATIONAL TEST STANDARD
Oil Content (Dry Basis)	≥ 48.0% – 52.0% Min	50.4%	FOSFA / ISO 659 (Soxhlet)
Free Fatty Acid (FFA as Lauric Acid)	≤ 3.5% – 5.0% Max	2.8%	ISO 660 / AOCS Ca 5a-40
Moisture & Volatile Matter	≤ 7.0% – 8.0% Max	6.4%	ISO 665
Shell, Dirt & Total Admixture	≤ 2.5% – 3.0% Max	1.8%	FOSFA Standard Sieve
Packaging & Container Loadability	50kg/80kg Jute or Bulk Liner	24 – 27 MT per 20ft FCL	Kraft Paper + Desiccant Protected

COMMERCIAL & SETTLEMENT TERMS

- **Incoterms (2020):** `FOB Lagos` (Apapa / Tin Can / Lekki) or `CIF / CFR` Destination Port worldwide.
- **Payment Instruments:** (1) 100% Irrevocable Confirmed Letter of Credit (`LC at Sight`, UCP 600); (2) Cash Against Documents (`CAD / D/P at Sight` via Bank Collection, URC 522); (3) TT Milestone against SGS loading certificate & draft BL.
- **Inspection:** Independent weight & quality assay by **SGS** or **Bureau Veritas** at Lagos loading port.

STANDARD EXPORT DOCUMENT PACK & TRACEABILITY

- Full Set Clean On-Board Ocean Bill of Lading (`"To Order"`)
- Commercial Invoice, Packing List & CBN Form NXP
- SGS / Bureau Veritas Certificate of Weight, Moisture & Kcal/Oil Assay
- NACCIMA Certificate of Origin & NAQS Phytosanitary / Fumigation Cert
- IMSBC Code Group B Cargo Safety Declaration (for PKS)
- Mill-Gate Point-of-Origin Traceability & Sustainability Batch Log

REQUEST FULL CORPORATE OFFER (FCO) / SPOT ALLOCATION

Origin Operations HQ: 4 Kolawole Odunsi Street, beside Nigeria Customs Service Office, Ikeja, Lagos, Nigeria

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