SAS ENTERPRISES

Alternative Industrial Fuels and Agricultural Biomass

PRODUCT SPEC SHEET

We source and process a diverse range of biomass options to meet the calorific value and combustion needs of different industrial boilers and kilns. Every fuel type is selected for consistent quality, low moisture, and dependable thermal output. The figures below are typical reference values. We confirm exact specifications against each shipment and can match a custom blend to your plant.

Group 1 | Crop Residues and Husks

Rice Husk

A top choice in the cement and textile sectors for its consistent, uniform burn and excellent residual heat.

Calorific value	**3,000 to 3,400 kcal/kg**
Moisture	**8 to 10%**
Ash content	**18 to 20%**
Form	**Loose, granular**
Packaging	**Bulk tipper or PP jumbo bags**
Minimum order	**25 metric tons (one truckload)**

Wheat Husk

A reliable, high availability resource used as an efficient co firing agent alongside solid fuels.

Calorific value	**3,400 to 3,800 kcal/kg**
Moisture	**8 to 10%**
Ash content	**8 to 11%**
Form	**Loose**
Packaging	**Bulk or PP jumbo bags**
Minimum order	**25 metric tons**

Sesame Husk

A low moisture biomass option that delivers clean combustion and steady thermal output.

Calorific value	**3,800 to 4,200 kcal/kg**
Moisture	**7 to 9%**
Ash content	**8 to 10%**
Form	**Loose**
Packaging	**Bulk or PP jumbo bags**
Minimum order	**25 metric tons**

Group 2 | Specialized Industrial Biomass

Kutal

Pressed seed cake and biomass residue. High density organic residue that works as a powerful solid fuel substitute with strong energy retention.

Calorific value	**3,900 to 4,400 kcal/kg**
Moisture	**8 to 10%**
Ash content	**6 to 9%**
Form	**Pressed cake, high density**
Packaging	**Bulk or bags**
Minimum order	**25 metric tons**

Corn Cobs

Mechanically processed for high bulk density and a slow, steady burn, well suited to heavy duty boilers.

Calorific value	**3,800 to 4,200 kcal/kg**
Moisture	**9 to 12%**
Ash content	**1.5 to 2.5%**
Form	**Crushed, processed**
Packaging	**Bulk or bags**
Minimum order	**25 metric tons**

Group 3 | Alternative Waste Streams

Poultry Waste

Carefully managed and processed organic waste for specialized waste to energy setups, supporting a true circular economy.

Calorific value	**2,600 to 3,200 kcal/kg**
Moisture	**10 to 15%**
Ash content	**10 to 15%**
Form	**Processed or pelletized**
Packaging	**By arrangement**
Minimum order	**By arrangement**

Biomass vs Coal and Pet Coke

Factor	SAS Biomass Fuels	Imported Coal / Pet Coke
Carbon footprint	**Renewable, near carbon neutral**	High fossil CO2 output
Price stability	**Locally sourced, stable pricing**	Volatile, currency and import linked
Availability	**Year round local supply**	Import and logistics dependent
Sulphur content	**Low**	Higher, especially pet coke
Sustainability goals	**Supports your ESG and green targets**	Works against them

Why Partner With Us

Uninterrupted supply chain
A wide sourcing network keeps fuel arriving around the clock, so your production never waits.

Strict quality sourcing
We monitor moisture and organic density for optimal calorific value per metric ton, batch after batch.

Cost standardization
Predictable pricing that protects your bottom line from imported coal and gas price swings.

Request a Quote

Get quotes, bulk availability, and calorific specifications from our supply logistics team.

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Note: all specifications and figures in this sheet are indicative reference values and may be refined per shipment and season. Contact us for a current, plant specific quotation.