

Premium EFB Palm Biomass Pellet

Co-firing & utility grade · washed EFB · \approx 4,500 kcal/kg

Premium washed EFB pellets are USSB’s flagship export — engineered to meet the demanding specifications of Japanese and Korean utilities, with reduced ash and chlorine through proprietary washing prior to pelletising.

Technical specifications

Parameter	Specification	Test method
Diameter	6 – 8 mm	ISO 17829
Length	10 – 40 mm	ISO 17829
Bulk density	\geq 650 kg/m ³	ISO 17828
Mechanical durability	\geq 97.5%	ISO 17831-1
Moisture content	\leq 10%	ISO 18134
Ash content (washed)	\leq 4% (dry basis)	ISO 18122
Gross calorific value	\geq 4,500 kcal/kg	ISO 18125
Sulphur (S)	\leq 0.05%	ISO 16994
Chlorine (Cl)	\leq 0.10%	ISO 16994
Nitrogen (N)	\leq 1.0%	ISO 16948
Fines (< 3.15 mm)	\leq 1%	ISO 18846

Recommended applications

- Coal co-firing in utility power plants
- Dedicated biomass power generation
- Export to ESG-aligned Japanese and Korean utilities
- EU industrial decarbonisation programmes

Certifications & testing

Independently tested by SIRIM, TNB Research (TNBR) and SGS. Compliant with ISO solid biofuel standards. Letters of Intent (LOIs) from utilities in Japan and South Korea.

Commercial terms

Origin	Malaysia (Johor / Pahang)
Packaging	Jumbo bags 1,000 kg / bulk vessel

Incoterms	FOB Pasir Gudang / Port Klang (CIF on request)
Minimum order	1,000 MT / month
Lead time	30–45 days from PO

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