

Standard EFB Palm Biomass Pellet

Industrial heating fuel · \approx 4,300 kcal/kg

The Standard grade is the workhorse of the USSB product family — engineered as a cost-effective renewable fuel for industrial boilers and heating applications where ash tolerance is moderate.

Technical specifications

Parameter	Specification	Test method
Diameter	6 – 8 mm	ISO 17829
Length	10 – 40 mm	ISO 17829
Bulk density	\geq 600 kg/m ³	ISO 17828
Mechanical durability	\geq 96.5%	ISO 17831-1
Moisture content	\leq 12%	ISO 18134
Ash content	\leq 8% (dry basis)	ISO 18122
Gross calorific value	\geq 4,300 kcal/kg	ISO 18125
Sulphur (S)	\leq 0.08%	ISO 16994
Chlorine (Cl)	\leq 0.20%	ISO 16994
Fines (< 3.15 mm)	\leq 2%	ISO 18846

Recommended applications

- Industrial boilers and kilns
- District heating networks
- Process steam for palm and food processing
- On-site combined heat and power (CHP)

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

Contact: Hj. Azman Mat Isa (Tok Man), Managing Director · +60 12 694 2032 · usahastrategik.uspb@gmail.com · www.uspb.com.my

Document version: 2026-05-16 — specifications indicative, subject to lot testing. © USPB.