

Biofuel Resource has committed becoming one of the leading green and renewable energy providers from Malaysia. We supply *palm kernel shell, palm fibre, shredded EFB, wood chip, saw dust pellet* and EFB pellet for domestic and worldwide biomass boiler and power plant.

Palm kernel shell is a renewable energy perhaps it also the main biomass energy resource for biomass power plant.

Palm Kernel Shell



Palm kernel shell is a well known biomass product because of its small size and high heat energy or calorific value. Palm kernel is kernel from oil palm fruit. After the oil palm fruit goes through the palm oil process, the kernel will be separated and kernel oil will further be distilled.

Palm kernel shell has gained its status as a biofuel resource for biomass product. It is also classified as a renewable energy that complies with country energy regulation, such as Japan, Korea

and Europe. Palm kernel shell also considers as the replacement for woodchip.

In Malaysia, biomass boiler is becoming popular due to design, maintenance and cost. Palm kernel shell is their first choice of biomass material then comes after EFB pellet, wood chip, saw dust pellet, shredded EFB. We are not saying palm kernel shell is becoming scarce; however, the supply really becomes a constraint as of the current situation.

Specification for Palm Kernel Shell

- Heat Energy/ Calorific Value: > 4.000 kcal/Kg
- Inherent Moisture: < 20 %
- Ash content: < 15%
- Size: 4-20mm
- Foreign materials (By visual): < 2%

Advantage for Palm Kernel Shell

Palm kernel shell is an important biomass energy resource in Malaysia, it also supplies to other regions for biomass power plant.