

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 the kernel from the oil palm fruit. After the oil palm fruit goes through the palm oil process, the kernel is separated and the kernel oil is further distilled.

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

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

In Malaysia, biomass boilers are 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, and shredded EFB.

We are not saying palm kernel shell is becoming scarce; however, the supply really becomes a constraint in 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, and it is also supplied to other regions for biomass power plants.