

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. **Coconut Shell** becomes scarcity commodity as the application has shifted to high-end product.

Coconut Shell



Coconut has been one of the main agriculture product in Malaysia. The coconut milk or we name as “santan” is one the important ingredient for curry cooking. **Coconut shell** is discarded by-product which will be salvaged for biomass purpose to *dry food* or substance. The food being dried with coconut shell will also come along with the *unique coconut flavour*.

The tall coconut tree has many applications, coconut milk becomes the major composition for food beverage, the coconut water is a refreshment drink, the fibre on the coconut is a good material for mattress, and the **coconut shell** is a good

source for *active carbon* or *charcoal*.

Main Application for Coconut Shell

Coconut shell has 2 major applications apart from biomass purpose, namely *coconut shell charcoal* and *granular activated carbon*. The porous structure of coconut shell charcoal has become a good source of *trapping the bad smell* from the environment. The granular activated carbon even used in *water filtration system*.

Specification for Coconut Shell

Coconut shell is the raw shell substance. It is chopped and broken in pieces.

Moisture: 15%

Ash Content: 4-5%

Calorific Value: 3500-4000kcal/kg

Advantage for Coconut Shell

Coconut shell becomes scarcity commodity. Currently most of the coconut shell has used as activated carbon for filtration.