

# Wealth from Waste. Production of Activated Carbon from Natural Sources

## Description:

### Wealth from Waste. Production of Activated Carbon from Natural Sources. Agricultural Waste Conversion (Saw Dust, Coconut Shell, Rice Husk, Bamboo, Wood and Jute Sticks)

Activated carbon is a carbonaceous, highly porous adsorptive medium that has a complex structure composed primarily of carbon atoms. The networks of pores in activated carbons are channels created within a rigid skeleton of disordered layers of carbon atoms, linked together by chemical bonds, stacked unevenly, creating a highly porous structure of nooks, crannies, cracks and crevices between the carbon layers.

Activated carbons are manufactured from coconut shell, peat, hard and soft wood, lignite coal, bituminous coal, olive pits and various carbonaceous specialty materials. There are a range of different activated charcoals, but only pharmaceutical grade powdered activated charcoal is suitable for use in clinical toxicology.

Activated carbon is extensively used in water and sewage treatment owing to its ability to remove particulate and dissolved impurities. It also eliminates certain organic impurities and removes chlorine from water. It is used in greenhouses and manufacturing industries for air purification and to remove toxic gases, odors, and harmful dust particles. Food and beverage processing, pharmaceutical & medical, and automotive industries are other application areas for the product.

**For more details download PDF file.**

**Keywords:** Tags #How\_to\_make\_Activated\_Charcoal, #Activated\_Carbon\_Plant, Activated Carbon Making Plant, #Manufacture\_of\_Activated\_Charcoal, Activated Carbon Manufacturing, Activated Carbon Production Plant, Activated Carbon Manufacturing Plant, Activated Carbon Production, Production of Activated Carbon, Activated Carbon Manufacturing Project, Manufacturing of Activated Carbon, Activated Carbon Making, Activated Carbon Processing, Producing Activated Carbon, Project Report on Activated Carbon Plant, Act

**Created At:** 24 Jun, 2019