

How to manufacture Rice Husk based products (Precipitated Silica, Particle Board, Paper, Rice Bran Oil, Sodium Silicate, Fuel Briquettes, Ultra Pure Silicon, Activated Carbon, etc.)

Description:

India is a major rice producing country, and the husk generated during milling is mostly used as a fuel in the boilers for processing paddy, producing energy through direct combustion and / or by gasification. This RHA is a great environment threat causing damage to the land and the surrounding area in which it is dumped. Lots of ways are being thought of for disposing them by making commercial use of this RHA. Rice husk is an agriculture residue abundantly available in rice producing countries. Global production of rice is approximately 580 million tons a year, and this is rising as the world population and the consumption of rice increases. Rice husk is generally not recommended as cattle feed since its cellulose and other sugar contents are low. Furfural and rice bran oil are extracted from rice husk. Industries use rice husk as fuel in boiler and for power generation. Among the different types of biomass used for power generation, rice husk has a high ash content varying from 18 – 20%, silica is the major constituent of rice husk ash.

Here's some Rice Husk, Rice Hull, Rice Husk Ash (Agricultural waste) based Projects for investment:

Precipitated Silica from Rice Husk Ash

Paper from Waste Paper, Bamboo Chips, Rice Husk & Wheat Husk

Particle Board from Rice Husk

Rice Bran Oil (Solvent Extraction)

Captive Power Plant

Sodium Silicate from Rice Husk/Hull

Fuel Briquettes From Biomass (Bio Coal Briquettes From Agricultural Cellulosic Waste)

Extraction Of Ultra Pure Silicon From Rice Husk Ash

Activated Carbon From Saw Dust & Coconut Shell

Ricehusk is a potential material; there are many usage of rice husk either in theraw form or in ash form. Most of the time husk from the mill is either burnt ordumped as waste in open fields and a small amount is used as fuel for boilers,electricity generation, bulking agents for composting of animal manure, etc.

Keywords: Precipitated Silica, Particle Board, Paper, Rice Bran Oil, Sodium Silicate, Fuel Briquettes, Ultra Pure Silicon, Activated Carbon, Cattle feed, Ash and pure silica, furfural, Building material, biomass, production, Rice Husk, hull, ash, products, projects, Agricultural waste, investment, manufacturing, process, business, Extraction

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