Manufacture of Value Added Products from Rice Husk (Hull) and Rice Husk Ash (RHA): (Precipitated Silica, Activated Carbon, Cement, Electricity, Ethanol, Hardboard, Oxalic Acid, Paper, Particle Board, Rice Husk Briquettes, Rice Husk Pellet, Silicon, Sodium

Description:

Rice husk ash (RHA) is aby-product from the burning of rice husk that can have favorable effects on thesoil in terms of acidity correction. The burning of rice husk for powergeneration in industries has generated a new residue consisting of a mixture ofash, charred hull and fresh rice husk fractions.

Rice husk is a potentialmaterial; there are many usage of rice husk either in the raw form or in ashform. Most of the time husk from the mill is either burnt or dumped as waste inopen fields and a small amount is used as fuel for boilers, electricitygeneration, bulking agents for composting of animal manure, etc.

Use of rice husk ash withcement improves workability and stability of the concrete mixture. It reducesheat generation, thermal cracking, and plastic shrinkage of the material. Italso helps in increasing strength, impermeability, and durability of themixture during the setting period by modifying the pore-structure and blockingthe large voids in the hydrated cement paste through pozzolanic reaction. Theproperties of rice husk ash improves the performance of cement, bricks, andother construction materials. Increasing demand for rice husk ash in thebuilding & construction application segment is one of the major factorsfueling the growth of the overall rice husk ash market.

For more details download PDF file

Keywords: Rice Husk (Hull), Rice Husk Ash (RHA), Precipitated Silica, Activated Carbon, Cement, Electricity, Ethanol, Hardboard, Oxalic Acid, Paper, Particle Board, Rice Husk Briquettes, Rice Husk Pellet, Silicon, Sodium Silicate Projects, Value Added Products from Rice Husk Ash, rice husk products manufacturing, rice husk based products, investment opportunity in rice husk industry, rice husk mill, rice hull,

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