

TECHNICAL DATA SHEET

Sodium Lignohumate

Production Description

Sodium lignohumate is in black flakes or powder completely water soluble, can be used as binder for industry or feed additives and so on.

Main Specification

Name	Sodium Lignohumate
Product Code	GAC-NaLSHA
Appearance	Black Powder or Flake
pH	9-10
Dry matters	95%min
Water-insoluble	1.5%max
Lignohumate	70%min
Moisture	15%min

Uses

For industry

Coal Briquettes or refinery coke binder

In coal industry and refinery coke, there always a lot of powder hard to handle, if put them directly into use lower heating energy, Sodium Lignohumate could help to bind them into regular size convert the powder into large easy to use.

Usually we mix some water and 3-5% of Sodium Lignohumate of total mixture the end product moisture is control less than 7%.

Sodium Lignohumate has different compositions and molecular dimensions (because they are polymers that can be modified by the addition of organic or inorganic groups to the molecule). They are anionic derivatives of lignin, water soluble and surfactants. Sodium Lignohumate can increase mechanical green and dry strength in ceramic pieces.

Also, they work as lubricants during extrusion or pressing. Additions of Sodium Lignohumate to ceramic slips can vary from 0.1 to 2.0% and they are relatively inexpensive. For pressed tiles, 1% Sodium Lignohumate can double mechanical strength (however often a black core appears).

Sodium Lignohumate are often used to reduce shrinkage yet maintain after-forming mechanical strength (because reduced amounts of plastic clays are needed).

Specifically, they have the following property, better clay work ability, Reduced need for die lubrication, life of wearing parts, free water also reduced energy consumption; quick drying, increase green strength.

For feed additive

Firstly could affect the animal growth digestion, could supply natural soluble carbohydrate, Crucial for the metabolizable energy. Live stock and poultry can be improved eating resistance, particle strength, reduce the amount of feed powder, also reduce anti back ratio and cost.

Package

1. 20kgs or 25kgs woven bags with liner inside, 2. According Requirement

<http://www.greenagrochem.com/products/sodium-lignohumate/>