



HIND FOUNDRY SL

PRODUCT DATA SHEET LIGNO BASED FOUNDRY GRADE COMPOUND

DESCRIPTION

Hind Foundry SL is a Sodium Lignosulphonate based byproduct of wood pulp manufacturing industry. It is spray dried to produce Ligno powder. It contains lignin, which is a very complex chemical compound with many random natural coupling. Physical and Chemical properties of the product is depended on the extraction technologies and the source of raw materials available.

TECHNICAL CHARACTERISTICS

Hind Foundry SL is natural water resistant, sulfo derivatives of lignin, nascent at the time of sulphit method de-lignifications of wood, i.e. the sodium salt of sodium lignosulphonate acids with the dirt of reducing mineral substances. Due to high surface reactivity of Lignosulphonate, this additive is widely used in different industries, like petroleum, mineral, chemical, pharmaceutical ,leather tanning, drilling, digging, metallurgy, admixture manufacturing and foundry industries.

ADVANTAGES

- Acts as dispersing agents
- Acts as binding agents
- Possess complex and emulsifying properties

APPLICATION

- Concrete Admixtures
- Pesticides
- Drilling fluid and muds
- Leather tanning
- Paper cutting chemicals
- Foundries.

PROPRIETIES

Aspect	Light Brown /Dark Brown Powder
Mass fraction of humidity (4% max)	2.5
Mass fraction of dry substance (96 % min)	97.6
Mass fraction of ash to dry substance (18 % max)	15.5
pH	7±1
Mass fraction of reducing substance to mass of dry substance (10%Max)	7.6
Total Inorganic Content (% max)	20
Total Sugar (% max)	6
Calcium Content (% max)	0.02

PACKING

15 Kg HDPE Bag or as required.

SHELF LIFE

Best before 12 months from the date of manufacture. Should be stored in a cool and dry place away from direct sunlight at temperature ranging between 2⁰ C (Min.) and 35 ⁰ C (Max.).

HANDLING PRECAUTION

Hind Foundry SL is non-toxic and ingestion is to be avoided. If contact with eyes occurs, wash well immediately with water and seek medical advice.

Note:

- **Hindcon Chemicals** maintains a team of technically trained professionals to provide full support to your problems in construction, and recommend the correct product to suite your specific requirements. Our authorized applicators can attend your site for application of the products.
- The content of the Technical datasheet are for general information and guideline. The result shown here are generated from our laboratory or from our site experiences.
- Quality of our products are maintained as per ISO9001:2008 recommendations and continuous researches. The behavior can change as per the prevailing conditions at the time of applications.
- Since **HINDCON CHEMICALS LIMITED** has no control over the use to which the users may put the material, it does not claim or warrant that in the user's particular circumstances, the result that the user will obtain from the product will be the same as those described in this communication or that the user will find the information or recommendations complete, accurate or useful. The client must test and ascertain the safety and fitness for the product for use.
- The right to change the properties of the products is reserved with us. The proprietary rights of third parties must be observed. All orders are accepted subject to the terms of sale and delivery. Users must always refer to the most recent issue of the latest Data Sheet for the product concerned, copies of which will be supplied on request.

HINDCON CHEMICALS LIMITED

(AN ISO 9001: 2015 COMPANY)

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