

LIGNO-Na[®]

Sodium Lignosulfonate



ALPAKA
CHEMICAL GROUP

LIGNO-Na[®] is a water reducing additive based on a selection of modified lignosulfonates, which provides an efficient solution from a cost point of view in the water reduction task. Made from pure lignin pulp, it also acts as a setting retarding agent in all building materials.

Basis Of Data

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

Additional Information

For additional information on **LIGNO-Na[®]**, consult your local sales representative.

Packing

600 KGS/BIG-BAG

Applications

- Improves the effectiveness of the water content in a cement mix. It reduces its permeability, maximizing efficiency in terms of costs
- Allows working on cements at high temperatures
- High-rise buildings with high durability
- It is particularly indicated in jobs where prolonged workability with initial delay is required
- Water reduction that results in better compression lengthens durability

Features

- Does not contain chlorides.
- Light brown fine powder

Advantages / Benefits

- Chloride-free, it can be applied to prestressed and rodded concrete
- Provides workability without the need to add extra amounts of water

Approvals / Standards

- ASTM C Technical Standards 494 for Type D.

Dosage

LIGNO-Na[®] can be added directly or added after dilution. It can be added during or after mixing. Post approach can achieve a better result.

Product Information

ITEM	Data	Typical value
DRY/SOLID CONTENT	≥93%	–
NA (Refer to Dry Substance)	12-14%	–
SOGAR CONTENT	≤1%	–
INSOLUBLES at 40%	≤2%	–
Appearance	–	powder
Bulk Density(kg/m³)	–	600
PH (10% solution)	–	5-7.5
Country of origin	South Africa	

Important Notes

The information, and, in particular, the recommendations relating to the application and end-use of ALPAKA products, are given in good faith based on ALPAKA's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with ALPAKA's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. ALPAKA reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the

most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.