

TECHNICAL DATA SHEET

ADDAGE SODIUM LIGNOSULPHONATE

PRODUCT DESCRIPTION

Sodium Lignosulphonate is a natural, water-soluble polymer used as a plasticizer and water-reducing agent in construction. It improves concrete workability, reduces water content, and enhances strength and durability. It also acts as a set retarder, allowing better handling and placement in hot climates or long-distance transport. Suitable for low- to medium-grade concrete applications.

PROPERTIES

Reduces water-cement ratio without loss of strength

Improving workability and flowability concrete.

Delays the initial and final setting time of concrete.

It acts as a water reducer.

Serves as a binder and dispersant.

APPLICATION

Concrete Additive - Acts as a water-reducing agent and plasticizer

Ceramics and Refractories serve as a binder and dispersant

Used in dye and pigment industries as a dispersant

TECHNICAL INFORMATION

TEST	RESULT
Appearance	Brown to dark brown powder
Odor	Slightly aromatic
Solubility	Completely soluble in water
pH (10%) solution	7
Moisture Content	$\leq 7\%$
Water insoluble matter	$\leq 1.5\%$

ADVANTAGES

Disperses Cement Particles and Improves hydration and uniformity of the concrete mix

Eco-Friendly and Biodegradable -Derived from natural lignin, safe for the environment.

Enhances Compressive Strength.

Compatible with Other Additives

Useful in hot weather or long transport to prevent premature setting.

DOSAGE

The doses of ADDAGE Sodium sulphonate should be within the range of 0.3 to 0.5 % by weight of cement

STORAGE

ADDAGE Sodium lignosulphonate should be stored in a cool place and protected against moisture and direct sunlight

SHELF LIFE

Storage time should not exceed 12 months from receipt of delivery.

PACKING:

ADDAGE Sodium lignosulphonate is available in 25 kg Bag.

