

Liquid Sodium Lignosulfonate — Grade Three

Higher-sugar, colloidal liquid sodium lignosulfonate with strong binding capability

GAC-NaLS-L-3

Liquid

Grade Three

Binder

PRODUCT DESCRIPTION

Liquid Sodium Lignosulfonate — Grade Three is around 45% minimum solid content with 50% minimum lignosulfonate content. It has a higher sugar/Brix content than other liquid grades and is colloidal in nature, which gives it a strong binding capability.

TYPICAL PHYSICAL & CHEMICAL PROPERTIES

PARAMETER	TYPICAL VALUE
Appearance	Black liquid
Solid Content	45% min
Water-insoluble Matter	2.5% max
Lignosulphonate Content (w/w)	50% min
pH	4.0 – 7.0
Reducing Sugar	Around 14%
Density	1.20 – 1.30 g/ml

Values represent typical production results and are provided for reference only; they do not constitute a binding product specification. Please refer to the Certificate of Analysis (COA) accompanying each shipment for batch-specific results.

APPLICATIONS

- Filler and binder in ceramic tiles, fiberboard resins, casting sand and fodder pellets
 - Dust-suppression agent for unpaved roads and dusty industrial processes; dispersant for fodder, pesticides, dyes and carbon black
- Viscosity reducer in oil-well drilling mud, replacing tannic acid (quebracho) thinners
 - Binder for powdered/granular materials — iron ore fines, lead/zinc powder, coal, coke, and pelletizing of mineral aggregates

PACKAGING, HANDLING & STORAGE

Packaging	Flexible container (flexitank) or IBC tote, as per customer requirement
Storage	Store in a cool, dry, well-ventilated area; protect from freezing
Shelf Life	12 months from date of manufacture under recommended storage conditions
Handling	Avoid mist inhalation and eye/skin contact; keep containers closed when not in use