

NATURBIND® S20

PRODUCT DESCRIPTION

NATURBIND® S20 is a natural sepiolite clay specifically processed for animal feed applications. Its high binding capacity, absorption properties, and fibrous structure improve pellet durability, reduce dust, enhance flowability, and aid in nutrient delivery. It is an inert, non-toxic, and safe additive widely used in compound feed formulations.

NATURBIND® S20 is 100% natural, inert, and non-toxic, compliant with international safety standards and EU Feed Additive Regulation (EC No. 1831/2003) where it is listed as technological additive under Additive Code E562.

Recommended addition rate for NATURBIND® S20 in feed formula is 0.5 – 2.0% (5–20 kg/ton).

PROPERTIES

NATURBIND® S20 is powder additive used in feed formulas. Its high surface area and unique microstructure provide excellent binding, absorption, and flowability which yields:

Stronger Pellets: Increases pellet durability index (PDI) by 5–15%.

Anti-Caking / Flow Agent: Improves handling and flowability during production and storage.

Moisture Control: Absorbs excess moisture, protecting feed during storage and transport.

Mycotoxin Support: Adsorbs undesirable compounds (e.g., aflatoxins), supporting safer feed.

Efficient Carrier: Ideal carrier for enzymes, vitamins, probiotics, and minerals.

Cost-Effectiveness & Natural: Sustainable alternative to synthetic binders.

APPLICATIONS

- Cattle & dairy feed
- Poultry feed
- Swine
- Aquafeed

TECHNICAL INFORMATION

Product Information

Colour	Cream
Appearance	Fine Powder
Packing	Available in 20 kg bags and 1000 kg Big Bags
Storage	Dry conditions/protected from humidity
Shelf life¹	3 years

Physical – Chemical Properties²

Mineralogic Composition	Sepiolite > %70 (Asbestos free)	
Moisture³	< 15%	
PH	8.5 ± 0.5	
Particle Size Distribution	>200 µm	Max. 10%
	200-45 µm	95%
	<45 µm	Max. 5%
Undesirable substances⁴	Non or below EU feed additive limits	

¹ From manufacturing date.

² Applicable to the whole batch.

³ Measured at the packing stage and can vary according to relative humidity during the transport and storage.

⁴ Heavy metals and other undesirable substances are below the limits established by Directive 2002/32/EC on undesirable substances in animal feed.