

Amosil (Eusil A)

Premium Amorphous Silicon Dioxide (E551a) for Animal Feed

The only precipitated silica produced on the Balkan Peninsula — from Stara Zagora, Bulgaria.

≥ 96%	223 m²/g	3 years	E551a
SiO2 CONTENT	SPECIFIC SURFACE AREA	SHELF LIFE	FEED ADDITIVE CODE

PRODUCT DESCRIPTION

A light, fine powder engineered specifically for the animal feed industry

Amosil (Eusil A) is a white to off-white amorphous silica powder manufactured in compliance with Feed Hygiene Regulation (EC) 183/2005 and Directive 2002/32/EC. With a high specific surface area of 223 m²/g, it acts as an excellent anti-caking agent and carrier, ensuring consistent flowability and stability of powdered and granular feed products.

- **Premixes & Compound Feed:** Highly efficient anti-caking agent preventing lumping during storage and transport.
- **Carrier for Active Ingredients:** Absorbs liquids and converts them into free-flowing powders.
- **Vitamins & Minerals:** Ensures uniform distribution of micro-ingredients in feed mixtures.

ANALYTICAL PROFILE

Property	Value / Norm
SiO2 content (ignited basis)	≥ 96.0% (Typical: 96.2%)
Loss on ignition (1000°C)	max. 7%
pH (1% aqueous solution)	6.9
Specific surface area (BET)	≥ 220 m²/g (Typical: 223 m²/g)
Bulk density (undense)	≤ 220 g/dm³
Oil absorption (glycerol)	≥ 5 g/g
Form / Color	Fine amorphous powder / White to off-white

COMPETITIVE POSITIONING

Criterion	Amosil (Mineralcommerce JSC)	Typical Import (Global)
Production origin	EU — Bulgaria, Balkan-only producer	Outside EU (Asia/Middle East)
Feed compliance	Reg. (EC) 183/2005, HACCP, ISO 9001	Varies — requires verification
BET surface area	≥ 220 m²/g — high absorption	Typically 150–200 m²/g
Supply chain	Direct EU distribution network	4–10 weeks by sea freight
Batch consistency	Single site — controlled production	Variable — multiple sources

MINERALCOMMERCE JSC

The only amorphous silica producer in the Balkan region.

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