

TECHNICAL SPECIFICATION

asg chemie

$\text{Al}(\text{OH})_3$ Amorphous Aluminium Hydroxide

CAS No.: 21645-51-2

PRODUCT DESCRIPTION

Amorphous Aluminium Hydroxide is a high-purity, chemically precipitated alumina hydrate with low alkalinity and a high specific surface area. Its amorphous structure provides excellent reactivity and solubility in weak acids, making it suitable for use in concrete admixtures, shotcrete accelerators, specialty chemical formulations, and pharmaceutical applications. The product offers consistent quality and reliable performance across a wide range of industrial processes.

KEY FEATURES

- High purity amorphous aluminium hydroxide
- Highly reactive alumina source
- Low alkalinity
- High specific surface area
- Soluble in weak acids
- Suitable for concrete admixtures and shotcrete systems
- Consistent particle performance
- Suitable for industrial and pharmaceutical applications

APPLICATIONS

- Concrete admixtures
- Shotcrete accelerators
- Pharmaceutical antacid formulations
- Reactive alumina source for specialty chemical applications

TYPICAL SPECIFICATIONS

Parameter	Specification
$\text{Al}(\text{OH})_3$ (%)	≥ 99
SiO_2 (%)	≤ 0.1
Fe_2O_3 (%)	≤ 0.03
Na_2O (%)	≤ 1.0
Specific Surface Area (m^2/g)	14 – 16

TECHNICAL SERVICE
CUSTOMER SUPPORT

toll free: +1 (352) 432-1481
e: support@asgchemie.com

PACKAGING

- 25 kg bags
- Super sacks

STORAGE & HANDLING

Store in a cool, dry place away from direct sunlight and moisture. Keep containers tightly sealed in original packaging when not in use.

SAFETY

Please refer to the relevant Safety Data Sheet (SDS) prior to handling or use of this product.

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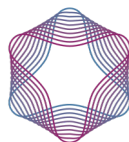
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For more information or answers to questions about the use in specific applications, contact your Technical Sales Representative or call 1-833.ASG.CHEM. (1.833.274.2436).

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AMORPHOUS ALUMINIUM HYDROXIDE

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