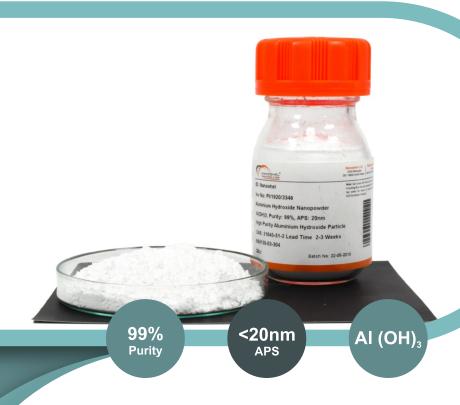
## ALUMINIUM HYDROXID **NANOPOWDER**



www.nanoshel.com | sales@nanoshel.com







NS6130-03-304

Aluminum hydroxide, also known as alumina trihydrate or simply alumina, is a compound with the chemical formula AI(OH)3. Aluminum hydroxide is commonly used as a flame retardant in plastics, rubber, and other materials. Its ability to release water vapor when heated helps to suppress flames. It can be used as a filler in composite materials to improve mechanical properties such as strength and stiffness. Aluminum hydroxide nanoparticles have been investigated for medical applications, such as drug delivery systems and in imaging agents for diagnostic purposes.

## QUICK FACTS

21645-51-2 CAS

Purity 99% APS <20nm Powder

## TECHNICAL SPECIFICAION

Molecular Formula: Al(OH)3 Molecular Weight : 78 g/mol

## **APPLICATIONS**

- Flame Retardancy
- Medical Applications
- Catalysis
- Filler in Composites
- Water Treatment





