Magnesium hydroxide AKnoka® K60

I. Product Introduction

AKnoka® K60 is a high-purity white magnesium hydroxide powder synthesized using advanced production technology from local brine as raw material.

General characteristic

Surface	White powder
Molecular Formula	$Mg(OH)_2$
Cas number	1309-42-8
Formula weight	58.32

Key indicators

Project Unit Value	Project Unit Value	Project Unit Value
$Mg(OH)_2$	%	≥98.5
CaO	%	≤0.05
Fe^{3+}	%	≤0.005
Cl^-	%	≤0.4
H_2O	%	≤0.5
Loss on ignition	%	≥30.0
Whiteness	%	≥97
Granularity (D50)	μm	55～70

II. Product Features

Characteristics include high purity, excellent whiteness, low Cl-content, minimal metal ions such as Na+ and K+, and low cost.

III. Application Fields

Polyolefin resins such as polyethylene and polypropylene, various modified plastics, engineering plastics, specialty plastics, plastic films, and artificial turf; applications in industrial flue gas desulfurization, acid-containing wastewater neutralization, and heavy metal adsorption treatment.

IV. Storage and Packaging

Packaging: Net weight of 50 kg per bag, or 1000 kg.

Storage: Store in a cool, dry place.

V. Safety and Environmental Protection

The Material Safety Data Sheet (MSDS) for this product may be obtained from our company upon request. The MSDS provides information on material handling, safety precautions, disposal requirements, and applicable local health and safety regulations. This product complies with EU RoHS/REACH regulations. According to the Globally Harmonized System of Classification and Labelling of Chemicals (GHS), this product is not classified as hazardous.

6. Remarks:

The information and data provided in this document are for reference purposes only, based on our current technical expertise and experience. Customers must conduct tests on purchased products to verify their suitability for specific processes or applications, ensuring compliance with intended objectives. We cannot control further product applications or manufacturing processes. Our liability is limited to the delivered products you use and does not cover any indirect losses arising from their application. Our technical support and customer service teams are available to provide product consultation and application assistance. Please feel free to contact us via email or phone.