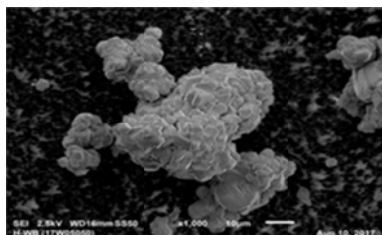


Aluminum Hydroxide

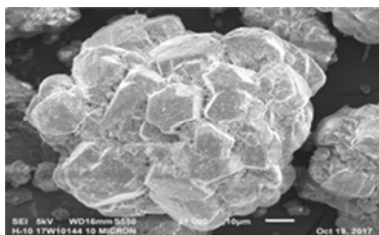
Standard and Coarse Particle

General

Standard-sized aluminum hydroxide is the leading aluminum hydroxide produced with Bayer process and is used as a highly pure aluminum source for base materials of chemical products, glass, catalysts, etc. The H-W grade, a highly-reactive aluminum hydroxide with moisture content of about 8%, and is suitable for base material to produce aluminum salts and aluminates by reaction with acids and alkalis. The H-10 grade, a dry aluminum hydroxide, is used for flame-retardant building material, glass, and catalysts.



SEM H-WB



SEM H-10

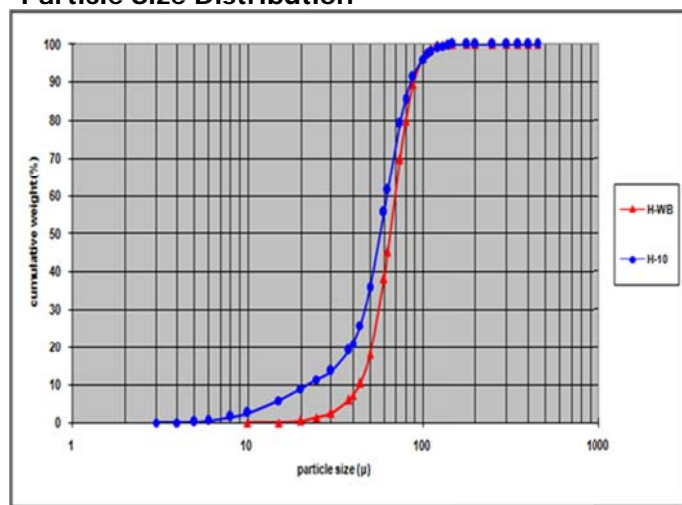
Typical Properties

Properties*	Grades	Wet type	Dry type
		H-WB	H-10
Chemical Composition	Moisture (%)	8	0.05
	Al(OH) ₃ (%) **	99.9	99.9
	Fe ₂ O ₃ (%)	0.01	0.01
	SiO ₂ (%)	0.01	0.01
	Na ₂ O (%)	0.13	0.14
Mean particle size (µm)		60	58
Bulk density (g/cm ³)	Loosed	0.5	1.0
	Tapped	1.4	1.6
Whiteness		86	86
BET specific surface area (m ² /g)		0.3	0.3

* Analyzed by ICA Test Methods which are in line with the global standards for Alumina Refinery.

** The limit of Al(OH)₃ content is 99.8% Minimum.

Particle Size Distribution



Measured with Microtrac S3500

Main Applications

- (1) Aluminum sulfate, aluminum fluoride, cryolite, polyaluminum chloride, other aluminum salts
- (2) Synthetic mullite, refractories
- (3) Porcelain materials/ pigments
- (4) Glass and glass fiber
- (5) Latex compounds, flame-retardant building material, resin filler
- (6) Catalyst and catalyst carrier

Packaging

- (1) Flexible Container Bag (1000Kg)
- (2) Paper Bag (25 Kg)