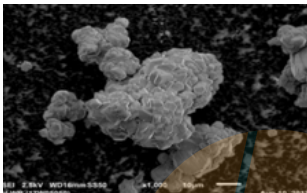


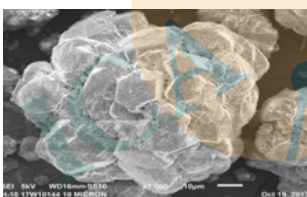
ALUMINIUM HYDROXIDE

PARTIKEL STANDAR DAN KASAR

Aluminium Hydroxide—Standard and Coarse Particle



SEM H-WB



SEM H-10

Aluminium hydroxide berukuran standar merupakan produk aluminium hydroxide terkemuka yang diproduksi dengan proses Bayer dan digunakan sebagai sumber aluminium yang memiliki tingkat kemurnian tinggi sebagai material dasar untuk produk-produk kimia, gelas, katalis dan lain-lain. Grade H-W yang merupakan aluminium hydroxide berkarakteristik *highly reactive* dengan tingkat kelembaban sekitar 8% sangat cocok untuk material dasar untuk memproduksi *aluminium salts* dan *aluminates* melalui reaksi dengan asam dan alkali. Grade H-10, produk *aluminium hydroxide* kering, digunakan untuk material gedung bersifat *flame retardant*, gelas dan katalis.

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

Karakteristik Umum | Typical Properties

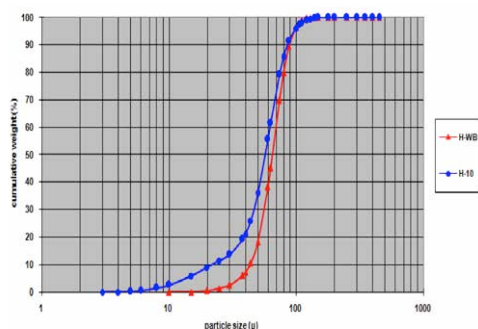
Properties*	Grades	Wet Type	Dry Type
		H-WB	H-10
Chemical Composition	Moisture (%)	8	0.05
	Al(OH) ₃ (%) **	99.9	99.9
	Fe ₂ O ₃ (%)	0.01	0.01
	SiO ₂ (%)	0.01	0.01
	Na ₂ O (%)	0.13	0.14
Mean particle size (µm)		60	58
Bulk density (g/cm ³)	Loosed	0.5	1.0
	Tapped	1.4	1.6
Whiteness		86	86
BET specific surface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

* Dianalisa menggunakan metode standar ICA yang setara dengan standar global pemurnian alumina | Analyzed by ICA test methods which are in line with the global standards for alumina refinery

** Batas kandungan Al(OH)₃ minimum adalah 99,8% | The limit of Al(OH)₃ content is 99.8% minimum

Distribusi Ukuran Partikel |

Particle Size Distribution



Penggunaan Utama |

Main Application

1. Aluminium sulfate, aluminium fluoride, cryolite, polyaluminium chloride, other aluminium 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

Kemasan |

Packing

Bulk

Flexibel Container Bag (1000 Kg)
Paper Bag (25 Kg)