

# SHANGHAI MINTCHEM DEVELOPMENT CO., LTD

R602 4# 89 NONG MUDAN ROAD PUDONG SHANGHAI CHINA

## Specification Sheet

### Aluminum Hydroxide

#### Physical Properties:

Formula	Al(OH) <sub>3</sub>	Molecular Weight	78.004	CAS NO.	21645-51-2
U.N-NO	--	Class	--	H.S-NO	2818300000

#### Character:

White powder, even granular size; odorless; non-carcinogenic; contains thermal characteristic that provides translucency and whiteness to solid surface materials; non-smoking, low-toxicity, halogen-free flame retardant.

#### Chemical Parameters:

NO.	Technological Specification	Standard%
1	Al(OH) <sub>3</sub>	99.5%min
2	Al <sub>2</sub> O <sub>3</sub>	64.0%min
3	SiO <sub>2</sub>	0.03%max
4	Fe <sub>2</sub> O <sub>3</sub>	0.01%max
5	Loss on Ignition	33.5-35
6	Moisture	8.0-10.0
	Whiteness	85%min
Particle Size	+150um	3.0%max
	+75um	45.0%max
	+45um	40.0%max
	-26um	8.0%max

**APPLICATION:** It is the raw material in the production of aluminum chemicals, in the manufacture of glass and glazes, in catalyst production, for fertilizers, and finer cement board products; It is a flame retardant and smoke suppressant filler in plastics (cables, rubber products and carpet backing); it is an extender and bodying agent in paper, solvent and water borne paints, UV curable coatings, inks, and adhesives; it is a polishing and cleansing agent, mould wash and separating agent; It is a filler of cast polymer products such as onyx and solid surfaces.

**PACKAGE:** Packing in 25kgs plastic bag lined with PE inner bag.

**Transportation:** NON DG

**MANUFACTURER:** SHANGHAI MINTCHEM DEVELOPMENT CO., LTD

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