

# Composite Aluminum Hydroxide

## Product Overview

The product has a reasonable particle size distribution, low viscosity, low oil absorption, high filling rate, superior processing performance, and excellent flame retardant performance. The product has stable performance at room temperature, decomposes and dehydrates to form aluminum oxide when heated, making the product have flame retardant and self-extinguishing functions, and does not produce toxic and corrosive gases when heated. It is a good flame retardant and insulating filler.

## Main Uses of The Product

SMC/BMC and other extrusion and molding materials

Epoxy resin potting materials

Tapes

Fiberglass industry

Roofing materials

Pipeline original curing CIPP

Engineering plastics

Foam insulation materials

## Product Characteristic Index

Product Model	Chemical composition (%)					Oil Absorption Rate (ml/100g) (≤)	Adherent Water(%) (≤)	Whiteness (%) (≥)	Median Particle Size (μm)
	Al (OH)3 (≥)	SiO2 (≤)	Fe2O3 (≤)	Na2O (≤)	Na2O (S) (≤)				
H-WF-8	99.6	0.1	0.02	0.30	0.03	33	0.4	96	8±2
H-WF-10	99.6	0.1	0.02	0.30	0.03	33	0.3	96	10±2
H-WF-14	99.6	0.1	0.02	0.30	0.03	30	0.3	95	14±3
H-WF-20SP	99.6	0.06	0.02	0.20	0.02	26	0.2	95	19±3
H-MF-9-LV	99.6	0.05	0.02	0.40	0.05	28	0.3	91	7-12
H-WF-10-LV	99.6	0.05	0.02	0.40	0.05	28	0.3	94	7-12
H-I-D	99.5	0.03	0.02	0.50	0.05	-	0.2	-	-
H-I-D-20	99.5	0.03	0.02	0.50	0.05	28	0.3	-	12-22
H-WF-10A-LV	99.6	0.05	0.02	0.30	0.05	27	0.25	92	8-10
H-WF-08A-LV	99.6	0.085	0.01	0.25	0.02	27	0.25	96	6-8
H-WF-08B-LV	99.5	0.15	0.01	0.30	0.03	25	0.30	98	6.0-8.5
H-WF-08C-LV	99.4	0.10	0.01	0.45	0.03	25	0.30	99	5.0-5.8