

Surface Treated Super Fine Aluminum Hydroxide

Product Overview

The surface-treated aluminum hydroxide powder can make the surface of the aluminum hydroxide powder hydrophobic, enhance the compatibility between the aluminum hydroxide powder and the polymer, improve the dispersibility, reduce the melt viscosity, and improve the handling performance of the filling polymer.

Product Features Advantages

- (1) The cable has improved thermal dimensional stability and sufficient mechanical strength at high temperatures.
- (2) The filling rate of micronized aluminum hydroxide can reach up to 65%, and it has a high-efficiency flame retardant effect and maintains good melt processing performance and physical properties.
- (3) Excellent wet electrical properties (low loss) in white filled rubber.

Product Features Advantages

- (4) Better chemical resistance.
- (5) Improve processing efficiency.
- (6) Reduce production scorch.
- (7) Only one product is needed, which is very convenient.

Product Characteristic Index

Product Model	Chemical Composition (%)					Oil Absorption Rate (ml/100g) (≤)	Conductivity (μS/cm) (≤)	Adherent water (%) (≤)	Whiteness (%) (≥)	325 Sieve Oversize (%) (≤)	Median particle size (μm)
	Al(OH) ₃ (≥)	SiO ₂ (≤)	Fe ₂ O ₃ (≤)	Na ₂ O (≤)	Na ₂ O(S) (≤)						
H-WF-1ST	99.4	/	0.01	0.3	0.03	40	120	0.35	96	0.1	0.8-1.4
H-WF-3ST	99.4	/	0.02	0.3	0.04	30	150	0.4	96	0.5	2.5-4.5
H-WF-5ST	99.4	/	0.02	0.3	0.03	30	120	0.4	95	3	4-7