

Description

HT-205 ATH-HW-3 is an aluminum hydroxide specially used for cable sheathing materials with D(50) between 2~3um and D(97)≤10um prepared using a special control method. Compared with ordinary aluminum hydroxide products, the particle size distribution is narrower and more concentrated, the viscosity is lower, and the use cost is low.

Physical and Chemical Properties

Item	Unit	Index
Al ₂ O ₃	%	≥64.5
SiO ₂	%	≤0.04
Na ₂ O	%	≤0.4
Fe ₂ O ₃	%	≤0.02
Whiteness	%	≥96
Moisture	%	≤0.3
PH value	—	≤9
Particle Size, D ₅₀	um	2~3
Particle Size, D ₉₇	um	≤10
Loss On Ignition	%	34.5±0.5
Electrical conductivity	us/cm	≤50
Residue on Sieve, 325 mesh	%	≤0.1

Application

Mainly used in cable, sheath material and other industries

