

Alumina Trihydrate (ATH)

AP ATH Grades

Chemical Name: Aluminium Hydroxide

Chemical formula: Al(OH)₃

Molecular weight: 78.00 g/mol

H.S. Code: 2818 3000

CAS No.: 21645-51-2

Appearance

White powder

Properties

Excellent particle morphology, reasonable particle size distribution and low viscosity.

Usage

BMC, SMC, Electrician filler, FRP Industry, Engineering plastic, Original solidification of pipeline CIPP, Roofing material, etc.

Packing

1000kg/bag 40kg/bag 25kg/bag

Typical Properties

	APM-810	APM-172
Al(OH) ₃	≥99.6 %	≥99.69 %
SiO ₂	≤0.02 %	≤0.022 %
Fe ₂ O ₃	≤0.02 %	≤0.01 %
Na ₂ O	≤ 0.3 %	≤ 0.217 %
NaOH	≤1.0 %	-
Moisture	≤0.2 %	≤0.12 %
Particle size D50	8-10 um	1.72 um
Whiteness	≥95 %	≥96 %
Oil Absorbency	≤40 ml/g	≤39 ml/g
Loss On Ignition	-	32.1
Electrical conductivity (10% in H ₂ O)	-	≤38% (uS/cm)