

4N High Purity Alumina

Product Overview

The appearance is white crystalline powder or fine sand, with uniform particle size, stable chemical properties, insoluble in acid and alkali, and good sintering activity. Different grades of high-purity alumina are prepared by different processes and can be used in the fields of sapphire crystal raw materials for LEDs, tri-color phosphors, high-pressure sodium lamps, glass additives, electronic ceramics, catalyst carriers, etc. Due to its better physical and chemical properties, customers can get satisfactory results.

Product Characteristic Index

Product Model	Al ₂ O ₃ (%)	Si (PPM)	Fe (PPM)	Na (PPM)	Ca (PPM)	Mg (PPM)	Cu (PPM)	Cr (PPM)	Ti (PPM)	Particle size 50 (μm)
A-P-9999γ-40	99.995	≤20	≤3	≤35	3	<1	<1	<2	<1	40±5
A-P-9999γ-2	99.995	≤20	≤3	≤35	3	<1	<1	<2	<1	2±1

Product Model	Al ₂ O ₃ (%)	Main Impurity Content					Phase	D ₅₀ (μm)	Specific surface area (m ² /g)	Bulk density (g/cm ³)
		Si (PPM)	Fe (PPM)	Na (PPM)	Ca (PPM)	Mg (PPM)				
A-P-4N-30	≥99.99	≤10	≤10	≤3	≤1	≤1	α	30±5	4-6	0.7
A-P-4N-04	≥99.99	≤10	≤10	≤3	≤1	≤1	α	0.4±0.1	5-7	0.8