

High Purity Ultra-fine Alumina

High Purity Ultra-fine Alumina has the characteristics of high melting point, high hardness, good electrical insulation, wear resistance and high corrosion resistance. It is widely used in sapphire, surface coating for ternary materials of lithium battery, new energy materials, precision polishing, electronic ceramics, catalyst carrier, wear-resistant coating and other fields.

Specifications:

Item			AGBM-C	AJM-C	A4N-04
Phase			α	α	α
Average Particle Size (by Bettersize Laser9300SE)		D50, μm	0.5-0.8	0.8-1.0	0.3-0.5
Loose Density		g/cm^3	0.5-0.7	0.6-0.8	0.6-0.8
Surface Area		m^2/g	6-8	6-8	6-8
α -Phase		%	> 85	> 90	> 90
MOI		%	< 0.5	< 0.5	< 0.5
Purity (Al_2O_3) $\geq$		%	99.92	99.95	99.99
Impurity $\leq$ (by ICP-OES)	Na	ppm	600	350	10
	Ca	ppm	50	50	1
	Mg	ppm	10	10	1
	Fe	ppm	40	50	3
	Si	ppm	50	50	10
25kg/drum					