

99.9% Alumina

99.9% Alumina Powder has excellent electrical insulation properties, low loss tangent, high mechanical strength, satisfactory chemical stability and high temperature resistance, high thermal conductivity, good stability and high cost performance, which can be used as electronic ceramic substrates, insulating ceramics, Special raw materials for liquid crystal glass, cover glass, refractory materials, luminescent materials and other industries.

Specifications:

Item			3NG-20B	3NG-D2	3NA-20B	3NA-D5
Phase			γ	γ	α	α
Average Particle Size (by Bettersize Laser9300SE)		D50,um	15-25	1-3	15-25	3-5
Loose Density		g/cm ³	0.55-0.65	0.30-0.40	0.70-0.80	0.50-0.60
Surface Area		m ² /g	45-55	60-70	≤5	≤5
Purity (Al ₂ O ₃) ≥		%	99.9	99.9	99.9	99.9
Impurity≤ (by ICP-OES)	Na	ppm	100	100	100	100
	Ca	ppm	100	100	100	100
	Mg	ppm	30	30	30	30
	Fe	ppm	50	50	50	50
	Si	ppm	50	50	50	50
	Ti	ppm	20	20	20	20
	Cu	ppm	20	20	20	20
25kg/drum						