



CALCINED LOW-SODIUM ALUMINA COARSE POWDER (HA) SERIES |

Model No.	Chemical Composition (%)					Ture Density	Apparent Density	Original Crystal	Conversion Rate	Features	" Recommend Applications"
	Al ₂ O ₃ ≥%	SiO ₂ ≤%	Fe ₂ O ₃ ≤%	Na ₂ O ≤%	LOI ≤%	g/cm ³ ≥	g/cm ³ ≥	d ₅₀ (μm)	≥%		
HA5	99.5	0.05	0.02	0.08	0.1	3.95	1.0	6.5-8.0	≥96	• Unground • High-purity & low Na₂O • Quasi spherical crystal • Large & fully developed • Small shrinkage • Large output • Good quality stability	• High-performance ceramics • Rough polishing • Refractories • Thermal conductive fillers • Wear-resistant coatings
HA4	99.5	0.05	0.02	0.08	0.1	3.95	1.0	5.5-6.5			
HA3	99.5	0.05	0.02	0.08	0.1	3.95	0.95	4.5-5.6			



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HA2	99.5	0.05	0.02	0.15	0.1	3.93	0.9	3.0-4.0	94	• No grinding • Medium sodium content • Quasi spherical crystal • Crystal range:2-3 μm • Good sintering performanc • Large output • Good quality stability	• Ceramic&refractory industries
HA1	99.7	0.05	0.02	0.01	0.1	3.93	0.9	~ 2	93	• Extramly low impurities • Na₂O ≤ 0.01% • High conversion • Crystals are fine & uniformed	• High-performance ceramics • Refractory industry • Wear-resistant coatings & other industries
HA2X	99.5	0.10	0.02	0.08	0.1	3.95	0.9	~ 3	95	• Easy to grind • Very low impurities • Good crystal sphericity • Narrow crystal distribution • Small shrinkage • Large output • Good quality stability	• Ceramics industry • LCD glass industry • Refractories industry • Thermal conductive fillers industry • Coatings industry • Medium polishing materials industry



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HA1X	99.5	0.12	0.02	0.06	0.1	3.93	0.9	~ 1.8	95	• Easy to grind • Low sodium content • Good crystal sphericity • Narrow crystal distribution • Small crystal • Good fluidity • Large output • Good quality stability	• High-performance ceramics industry • Fine refractory powder industry
HA0X	99.5	0.08	0.02	0.08	0.1	3.9	0.9	~ 1	92	• Small crystal • Low impurities	• High-performance ceramics industry • Refractory powder industry • Wear-resistant coatings & other industries