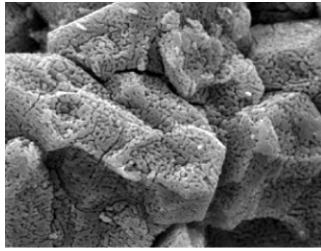


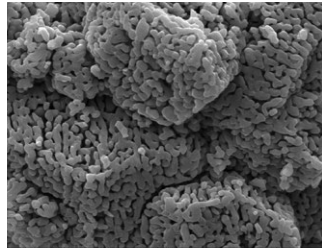
High Purity Alumina

AHP series is High Purity Aluminas with purity of 99.99% or higher. It is used as a raw material for high-performance glass and ceramics that require excellent optical and

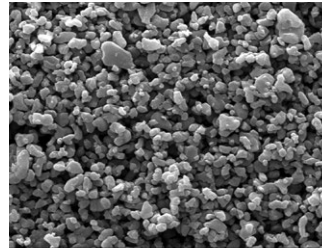
dielectric properties, and as a synthetic raw material for various industrial materials.



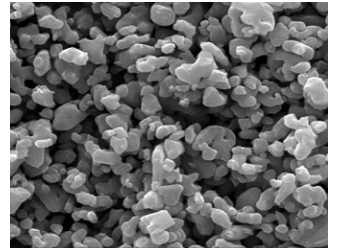
AHP20



AHP30



AHP200

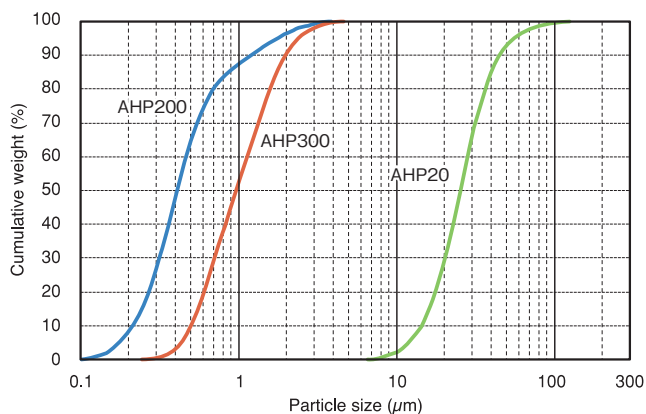


AHP300

Typical Properties

Grade	AHP20	AHP30	AHP200	AHP300
Na (ppm)	20	12	20	12
Si (ppm)	8	8	10	8
Fe (ppm)	2	1	2	2
Ca (ppm)	1	<1	1	<1
Mg (ppm)	1	<1	3	2
Al ₂ O ₃ (%)	99.99	99.99	99.99	99.99
Ave. Particle Size (µm)	30	30	0.4	1.0
α-Crystal Size (µm)	0.2~0.4	1.0~1.5	0.2~0.4	1.0~1.5
BET Specific Surface Area (m ² /g)	3.5	2.0	6.2	2.7
Bulk Density (Loose) (g/cm ³)	0.7	0.7	0.8	0.8

Particle Size Distribution



Applications

- (1) Magnetic recording media
- (2) Single crystal (e.g., Sapphire)
- (3) Translucent ceramics
- (4) Fluorescent materials
- (5) Thermal spray materials
- (6) Engineering ceramics

Packing

- Paper bag
- Plastic bag