

## Calcined Alumina

**AH212-45**
**PRODUCT INFORMATION**

AH212-45 is a Hard calcined aluminum oxide, continuous ground and with medium soda content. The specific surface area, crystal size of particles, particle size and soda content are precisely controlled to stay in specified range.

This product is mainly used in technical ceramic and refractory industry.

**CHARACTERISTICS**

Physical Characteristics	Unit	Typical	Min	Max
Specific Surface Area	m <sup>2</sup> /g	1.5*	1	2
D <sub>50</sub>	µm	6	4	8
Screen Residue >45 µm	%	2		3
Chemical Characteristics	Unit	Typical	Min	Max
Alpha Alumina Content	%	≈95		
Al <sub>2</sub> O <sub>3</sub>	%	99.7		
Na <sub>2</sub> O	ppm	2500		3000
CaO	ppm	150		400
SiO <sub>2</sub>	ppm	550		750
Fe <sub>2</sub> O <sub>3</sub>	ppm	115		300

\*BET surface area values are measured before grinding.

**Valid After: 2022/05**