

Reactive Alumina  
**AM321**
**PRODUCT INFORMATION**

AM321 is a medium calcined aluminum oxide, fully ground and with low soda content. The specific surface area, crystal size of particles and particle size are precisely controlled to stay in specified range. Particle size distribution is approached toward crystal size distribution due to complete grinding.

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	4.5*	3	5
D <sub>50</sub>	μm	1.2		2.5
D <sub>90</sub>	μm	4		6
Chemical Characteristics	Unit	Typical	Min	Max
Alpha Alumina Content	%	≈90		
Al <sub>2</sub> O <sub>3</sub>	%	99.7		
Na <sub>2</sub> O	ppm	1500		2000
CaO	ppm	150		400
SiO <sub>2</sub>	ppm	850		1100
Fe <sub>2</sub> O <sub>3</sub>	ppm	115		300

\*BET surface area values are measured before grinding.

**Valid After: 2022/05**