

Reactive Alumina
AH221
PRODUCT INFORMATION

AH221 is a hard calcined aluminum oxide, fully ground and with low 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 completely ground in order to ensure almost no residual agglomerates are left behind.

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

CHARACTERISTICS

Physical Characteristics	Unit	Typical	Min	Max
Specific Surface Area	m ² /g	1.5*	1	2
D ₅₀	μm	1.7		2.5
D ₉₀	μm	4		6
Chemical Characteristics	Unit	Typical	Min	Max
Alpha Alumina Content	%	≈95		
Al ₂ O ₃	%	99.7		
Na ₂ O	ppm	1500		2000
CaO	ppm	150		400
SiO ₂	ppm	850		1100
Fe ₂ O ₃	ppm	115		300

*BET surface area values are measured before grinding.

Valid After: 2022/05