

Reactive Alumina

AM121
PRODUCT INFORMATION

AM121 is a medium 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. 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 ² /g	2.5*	2	3
D ₅₀	μm	1.7		2.5
D ₉₀	μm	4		6
Chemical Characteristics	Unit	Typical	Min	Max
Alpha Alumina Content	%	≈93		
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