

Reactive Alumina

AM101
PRODUCT INFORMATION

AM101 is a medium calcined aluminum oxide, fully ground and with normal 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 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	%	99.6		
Na ₂ O	ppm	3500		4000
CaO	ppm	150		400
SiO ₂	ppm	100		300
Fe ₂ O ₃	ppm	150		300

*BET surface area values are measured before grinding.

Valid After: 2022/05