

Reactive Alumina

AM301
PRODUCT INFORMATION

AM301 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 | 4.5* | 3 | 5 |
| D ₅₀ | μm | 2 | | 2.5 |
| D ₉₀ | μm | 4.5 | | 6 |
| Chemical Characteristics | Unit | Typical | Min | Max |
| Alpha Alumina Content | % | ≈90 | | |
| 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