

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 Value |
|--------------------------------|-------------------|---------------|
| Specific Surface Area | m ² /g | 1.5* |
| D ₅₀ | μm | 1.5 |
| D ₉₀ | μm | 2.7 |
| D ₅₀ Crystal Size | μm | 1.3 |
| Chemical Characteristics | Unit | Typical Value |
| Alpha Alumina Content | % | ≈95 |
| Al ₂ O ₃ | % | 99.7 |
| Na ₂ O | ppm | 1500 |
| CaO | ppm | 200 |
| SiO ₂ | ppm | 250 |
| Fe ₂ O ₃ | ppm | 150 |

*BET surface area values are measured before grinding.

Valid After: 2022/01