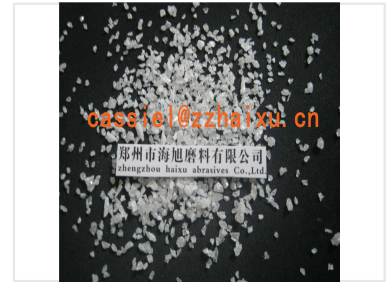


White Fused Alumina Abrasive

White fused alumina is a high-purity aluminum oxide abrasive material produced in an electric arc furnace. It is characterized by high hardness, excellent wear resistance, and chemical inertness.



Product Overview

High-Purity Industrial Abrasive

White fused alumina is a high-performance material manufactured by melting high-quality alumina in an electric arc furnace at temperatures exceeding 2000°C. Composed primarily of alpha-Al₂O₃, this abrasive offers exceptional hardness and structural integrity. It is widely utilized in refractory applications, including furnace burden, castables, and ramming compounds, ensuring reliable performance in demanding high-temperature environments.

Physical Properties

Key Physical Characteristics

9 scale

Mohs Hardness

3.95 g/cm³

Specific Gravity

Bulk Density

1.75-1.95 g/cm³

Chemical Composition

Chemical Specifications

Component	Grade A Max/Min	Grade B Max/Min
Al ₂ O ₃	99.5% min	99.0% min
Fe ₂ O ₃	0.04% max	0.20% max
Na ₂ O	0.30% max	0.40% max
SiO ₂	0.02% max	0.05% max

Sizing & Availability

Available Particle Sizes

- 12-6mm
- 10-8mm
- 8-5mm
- 6-3mm
- 5-3mm
- 3-1mm
- 1-0mm
- 1-0.5mm
- 0.5-0.2mm
- 0.5-0mm
- 0.3-0mm
- 60mesh-0
- 80mesh-0
- 100mesh-0
- 120mesh-0
- 150mesh-0
- 200mesh-0
- 325mesh-0