

# White Fused Alumina Abrasive Media

This white fused alumina abrasive is ideal for sandblasting and polishing applications. It is manufactured through the fusion of high-quality alumina in an electric arc furnace.



## Product Overview

### White Fused Alumina Overview

White Fused Alumina is a high-purity abrasive material produced by melting high-quality alumina in an electric arc furnace at temperatures exceeding 2000 degrees Celsius. This material is characterized by its main crystal phase of alpha-Al<sub>2</sub>O<sub>3</sub> and high Mohs hardness of 9.0. It is an essential component for diverse industrial applications including refractory manufacturing, surface treatment, precision polishing, and the production of abrasive tools.

## Physical Properties

### Core Metrics

**9**

Mohs Hardness

**3.95 g/cm<sup>3</sup>**

Specific Gravity

Bulk Density

1.75-1.95 g/cm<sup>3</sup>

## Applications

Primary Uses

Refractory, Blasting, Grinding, Ceramics, Polishing, Surface Treatment, Floor Coating

## Chemical Composition

### Purity Specifications

Grade Category	Al <sub>2</sub> O <sub>3</sub> Min	Fe <sub>2</sub> O <sub>3</sub> Max
Refractory Sand	99.5%	0.04%
Fine/Macro Powder	99.0%	0.20%
Abrasive/Polishing	99.2-99.7%	0.04-0.08%