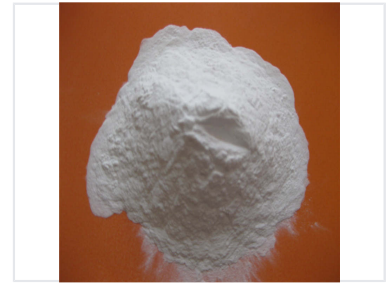


White Fused Alumina Abrasive Media

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-Al₂O₃ 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/cm³

Specific Gravity

Bulk Density

1.75-1.95 g/cm³

Applications

Primary Uses

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

Chemical Composition

Purity Specifications

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