

White Aluminum Oxide Abrasive

This high-purity abrasive material is known for its hardness and cutting ability. It is used in grinding wheels, blasting, and refractory applications.



Product Overview

High-Performance Abrasive Material

White Aluminum Oxide is an electrically fused abrasive produced from high-grade bayer processed alumina. Characterized by high purity and excellent self-sharpening capabilities, this material provides superior cutting efficiency with minimal heat emission. It is highly valued for its chemical stability, acid and alkali resistance, and suitability for high-precision industrial applications.

Technical Properties

Physical Attributes

1 High

Hardness

2 Slightly Low

Toughness

Performance Characteristics

High Purity, Self-sharpening, Acid Resistant, Alkali Resistant, Thermal Stability

Applications

Primary Applications

- Grinding high-speed steel
- Grinding high-carbon steel
- Precision casting
- Spraying and coating
- Chemical industry medium
- Special ceramics
- High-grade refractory materials

Surface Processing

Grinding • Polishing • Lapping