

BROWN ALUMINUM OXIDE

ENVIRONMENTAL ABRASIVES WAREHOUSE

Aluminum oxide is an inorganic compound formed through the fusion of alumina ore in an electric arc furnace at temperatures in excess of 2000°C. Aluminum oxide is very hard and does not dull quickly. The difficult-to-fracture crystalline structure of an aluminum oxide makes it an ideal abrasive for a variety of uses. It has the capability of producing fine, scratch-free finishes on a broad range of ferrous and nonferrous metals, various types of glass and other hard materials.



Aluminum Oxides

Aluminum Oxide, White

White fused aluminum oxide is a very high purity oxide, and thus recommended when contamination is an issue to be considered. It is obtained from the fusion of high purity calcined alumina in electric arc furnaces. The result is a product with high hardness, high friability, high purity, high melting point, and large crystal size.



Aluminum oxide is generally used for its hardness and strength

Aluminum Oxide, Brown

- Sandblasting, etching, carving, surface preparation, anti-slip
- Mohs 9 hardness
- Tough & durable, low friability, fast cutting
- Can be recycled multiple times
- Samples available for testing prior to purchase

Recommended For:

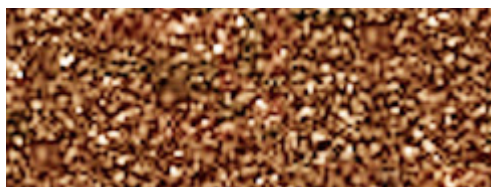
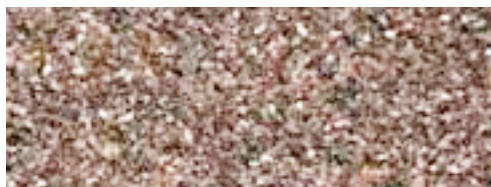
- Sandblasting
- Grinding
- Anti Skid Flooring (Coarse grits like a 24)
- Surface Preparation
- Etching, Carving, Gouging: (Coarse grits like a 36)
- Coated Abrasives
- Monument Blasting

Brown Fused Aluminum Oxide Coarse:

- Very Tough: Hardness Rating of 9 on the Mohs scale; Knoop 100: 2100 kg/mm²
- Can be recycled multiple times
- Fast cutting, low friability
- Recommended by OSHA as alternative to silica sand

Sizing:

- 1 mil profile = 100 grit aluminum oxide
- 1.5 mil profile = 50 grit aluminum oxide
- 2 mil profile = 36 grit aluminum oxide
- 2.5 mil profile = 24 grit aluminum oxide
- 3 mil profile = 16 grit aluminum oxide
- 4 mil profile = 12 - 16 grit aluminum oxide



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