

V-BLAST ALUMINUM OXIDE & R-BLAST RECYCLED ALUMINUM OXIDE

V-BLAST BROWN FUSED ALUMINUM OXIDE

V-Blast Brown Fused Aluminum Oxide (VBFA) is a high-quality abrasive made from calcined bauxite, coke, and iron filings fused at 2000°C. Carefully processed to remove impurities, it's manufactured at GMA to become available in various grit sizes for diverse applications.

R-BLAST BROWN FUSED ALUMINUM OXIDE

R-Blast Brown Fused Aluminum Oxide is high-quality Recycled Brown Alox (RBFA), reclaimed from pressure blasting and thoroughly cleaned to match the cleanliness, sizing, and performance of Virgin Aluminum Oxide.

TESTING STANDARDS

We adhere to the following standards to ensure top performance and reliability:

- Size Specifications: ANSI B74.12-2001
- Bulk Density: ANSI B74.4-1992 R-1997
- Magnetic Content: ANSI B74.14-1992-R-2000
- Chemical Analysis Method: ANSI B74.14-2007

PACKAGING OPTIONS:

- 50-lb. Paper Bags (40-count/pallet)
- 400-lb. Fiber Kegs (1,600 lbs./pallet)
- 800-lb Steel Drum
- 2,000-lb. Bulk Bags

PRODUCT CHARACTERISTICS

- Crystal Form: Alpha Aluminum
- Hardness: Knoop 2000; MOHS 9.0
- Fusion Point: 2020° Celsius
- True Specific Gravity: 3.96 g/cm³
- Magnetics (%): 0.0189
- Bulk Density (g/cm³): 1.86
- Friability (%): 3.43

CHEMICAL ANALYSIS •

CHEMICAL	Al ₂ O ₃	TiO ₃	SiO ₂	Fe ₂ O ₃	CaO	MgO
PERCENT	94.50	3.20	1.30	0.20	0.30	0.40
MIN/MAX	min	max	max	max	max	max

APPLICATIONS

- Abrasive Blasting
- Grinding
- Lapping
- Deburring
- Tumbling
- Refractories
- Buffing Compounds
- Etching
- Non-Slip Surfaces
- Fluidized Beds
- Plasma Sprays

AVAILABLE SIZES

VBlast: 16, 20, 24, 30, 36, 46, 54, 60, 70, 80, 90, 100, 120, 150, 180, 220, 240
 RBlast: 80, 90, 100, 120, 150, 180, 220, 240*

(*Please note that certain sizes may not be readily available due to supply conditions from end users. In such cases, orders may be supplemented with V-Blast.)