

# BROWN FUSED ALUMINA

## Product Information



### BFA used for Coated Abrasives Application

Brown Fused Alumina (also named as Brown Aluminium Oxide) is produced from high quality Bauxite, Coal, Iron chip being fused at high temperature in an electric arc furnace. Besides F series grits used for bonded abrasives, we also offer BFA P series to be used widely in high quality coated abrasives for surface preparation and finishing, such as sanding sheets and sanding cloth, sanding belts, rolls, flap discs, fiber discs etc. Our BFA is pure, low in magnetic content, clean and sharp edged for removing dust, rust, oxide layer, paint on surface of metal and non-metal.



### Physical Properties

Color	:	Brown or Grey
Friability	:	Semi-friable
Melting Point	:	2250°C
Bulk Density	:	1.50-2.10g/cm <sup>3</sup>
True Density	:	3.95g/cm <sup>3</sup> Min
Mohs Hardness	:	9.0
Knoop (100) Hardness	:	2100kg/mm <sup>2</sup>

### Chemical Composition

Chemical Composition (% , by weight)

Grade	Grits	Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	TiO <sub>2</sub>
A-P	Macro	≥95.00	≤1.50	≤0.30	≤3.80
	Micro	≥93.50	≤1.50	≤0.30	≤3.80

### Available Grit Sizes

We offer BFA in Macro and Micro grains complying with the current FEPA / JIS / ANSI sieve standards.

FEPA Macro sizes

P16 P20 P24 P30 P36 P40 P50 P60 P80 P100 P120 P150 P180 P220

FEPA Micro Sizes

P240 P280 P320 P360 P400 P500 P600 P800 P1000 P1200 P1500 P2000 P2500

## Packaging

### Standard Packaging:

- Big bags(1000kgs , 1250kgs, 1350kgs) with or without pallets;
- 20 or 25kg plastic.or paper bags, with or without pallets.

\*Custom Packaging is available upon request.



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