



Brown Aluminum Oxide

Brown Aluminum Oxide (BFA / A) is produced by fusion of high-quality bauxite in an electric arc furnace at high temperatures. It is of compression strength, high toughness, self-sharpening, lower expansion coefficient, no rusty spot, good hydrophily, high cleanliness, etc. It is suitable for resin-bonded cut off and grinding wheels, vitrified wheels, blasting, surface preparation, anti-skid surface, etc.

Chemical Composition:

Specification	Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂
BFA	95 ± 0.5 %	≤1.8%	≤0.30%	2.0~3.5%

Physical Properties:

Principal Crystalline Phase	α-Al ₂ O ₃
Crystal Color	Brown
True Specific Gravity	≥3.90 g/cm ³
Mohs hardness	≥9.00
Micro Hardness	HV1800-2200
Grinding Ability	≥0.10

Grits:

F12 to F220, P12 to P220, #240 to #4000...

In accordance with the current GB / FEPA / JIS / ANSI sieve standards.

Other sizes are also available on request.