

BROWN FUSED ALUMINA



Brown Fused Alumina belongs to the group of electro-corundum. It is produced by controlled melting of calcined bauxite in an electric arc furnace. Brown fused alumina is iron-free and extremely tough.

APPLICATIONS

- Reusable abrasive
- Grinding, lapping and polishing medium
- Ceramic grinding wheels and grinding media
- Wear-resistant and refractory products

BLASTING SYSTEMS

- Pressure blast systems
- Injection blast cabinets

Typical physical properties

Hardness	9 mohs
Grain shape	angular
Melting point	approx. 1950°C
Specific gravity	approx. 3,9 - 4,1 g/cm ³
Bulk density (depending on granular size)	approx. 1,5 - 2,1 g/cm ³

Typical chemical analysis

Al ₂ O ₃	95,65 %
TiO ₂	2,42 %
Fe ₂ O ₃	0,12 %
SiO ₂	0,92 %
CaO	0,35 %
MgO	0,22 %

Packaging

25 kg bags on pallet up to 1 ton
1 ton loose in big bag

Available sizes

FEPA	Average grain size (µm)
F 008	2000 - 2800
F 010	1700 - 2360
F 012	1400 - 2000
F 014	1180 - 1700
F 016	1000 - 1400
F 020	850 - 1180
F 022	710 - 1000
F 024	600 - 850
F 030	500 - 710
F 036	425 - 600
F 040	355 - 500
F 046	300 - 425
F 054	250 - 355
F 060	212 - 300
F 070	180 - 250
F 080	150 - 212
F 090	125 - 180
F 100	106 - 150
F 120	90 - 125
F 150	63 - 106
F 180	63 - 90
F 220	53 - 75

Other grain sizes can be produced if required.

