

White Fused Alumina



The corundum does not contain ferrite, it is suitable for roughening the surface of coloured metal and light metal, surface treatment of stainless steel materials. It can be economically applied for the surface treatment of carbon steel, to achieve better adhesion of paints and other different coatings, it is also suitable for frosting glass, cleaning wood, plastic and carbide.

A further advantage of using corundum is that it is not harmful to health and there is no danger of silicosis.

Applications:

- Reusable abrasive
- Grinding, lapping and polishing media
- 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. 2050 °C
Specific gravity	approx. 3,9 – 4,1 g/cm ³
Bulk density (depending on granular size)	approx. 1,4 – 2,1 g/cm ³

Typical chemical analysis

Al ₂ O ₃	99,73 %
Na ₂ O	0,14 %
Fe ₂ O ₃	0,03 %
SiO ₂	0,01 %
CaO	0,02 %
TiO ₂	0,02 %
MgO	0,01 %

Packaging

25 kg bags on pallet up to 1 ton

1 ton loose in big bag

Available sizes

FEPA	Average grain size (µm)
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