

MIXED ALUMINA



Mixed Alumina is produced from ceramic grinding wheels and reclaimed alumina dust from the blasting and grinding industry. It consists of a mixture of white, pink and brown alumina, and is an iron-free alternative for many sectors of the blasting and grinding industry.

APPLICATIONS

- Reusable abrasive
- Grinding, lapping and polishing medium
- Grinding wheels and grinding medium
- Refractory products

BLASTING SYSTEMS

- Pressure blast systems
- Injection blast cabinets

Typical physical properties

Hardness	9 mohs
Grain shape	angular
Melting point	approx. 2000°C
Specific gravity	approx. 3,9 g/cm ³
Bulk density (depending on granular size)	approx. 1,5 - 1,8 g/cm ³

Typical chemical analysis

Al ₂ O ₃	88,10 %
SiO ₂	6,80 %
TiO ₂	0,70 %
CaO	0,30 %
MgO	0,30 %
Fe ₂ O ₃	0,20 %
SiC	5,80 %

Packaging

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

Available sizes

FEPA	Average size range (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.

