

WHITE OR PINK FUSED ALUMINA



White OR PINK FUSED Alumina is a reusable blasting abrasive in accordance with DIN EN ISO 11126-7 N/FA-WA/G based on aluminium oxide.

CHARACTERISTICS

- > non-metallic
- > high valence
- > pure
- > hard
- > re-usable
- > sharp-edged
- > for high standards in air and aerospace engineering
- > iron-free for stainless and special steels and non-ferrous metals
- > for air blasting technology

CHEMICAL ANALYSIS (guideline values)

Al ₂ O ₃	min.	99,20 %
Fe ₂ O ₃	approx.	0,13 %
Na ₂ O	approx.	0,40 %
SiO ₂	approx.	0,12 %

PHYSICAL PROPERTIES

specific weight	approx. 4,0	g/cm ³
bulk density	approx. 1,4–1,80	g/cm ³
Mohs hardness	approx. 8-9	
particle shape	sharp-edged	

SIZES

- 0,125 – 0,25 mm
- 0,25 – 0,50 mm
- 0,50 – 1,00 mm
- 0,50 – 2,00 mm
- 1,00 – 2,00 mm
- Macrogrits (Fepa) from F8 (2.000-2.830 µm) down to F240 (17-62µm)
- Microgrits (Fepa) from F280 (22-59 µm) down to F1.000 (1-10 µm)

PACKAGING

- > 25 kg paper bags on pallets à 1.000 kg
- > 1.000 kg big bags

USE

Use as reusable blasting media in stationary air blasting systems.

Due to the pureness suitable for high valence uses where perfect cleanliness of surface is required and absence of metallic iron is essential; like for ex. thermal spraying.

Industrial sectors: air- and aerospace industries, vehicle and engine manufacturing, optical industries, dental industry.