

# White Fused Aluminium Oxide

**Our Type: EK-C**  
sieving acc. FEPA F\*

## Description:

Our material is obtained from the fusion of high purity calcined alumina in an electric arc furnace. The sharp grains present excellent hardness and other optimized abrasive properties.

## Application:

- Vitrified and resinoid bonded grinding wheels
- Polishing and matting
- Blasting

## Characteristics:

Spec. gravity:	3.9 g/cm <sup>3</sup>	Fusion point:	2040 °C
Hardness:	9 (Mohs)	Grain shape:	sharp

## Chemical Analysis (typical):

Al <sub>2</sub> O <sub>3</sub>	Na <sub>2</sub> O	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>
99.72%	0.22%	0.03%	0.03%

## Available Grits and Bulk Densities (g/cm<sup>3</sup>):

Grit	min.	max.	Grit	min.	max.
F 12	1.65	1.85	F 54	1.65	1.85
F 14	1.65	1.85	F 60	1.60	1.80
F 16	1.65	1.85	F 70	1.60	1.80
F 20	1.65	1.85	F 80	1.60	1.80
F 22	1.65	1.85	F 90	1.55	1.75
F 24	1.65	1.85	F 100	1.55	1.75
F 30	1.65	1.85	F 120	1.50	1.70
F 36	1.65	1.85	F 150	1.45	1.65
F 40	1.65	1.85	F 180	1.45	1.65
F 46	1.65	1.85	F 220	1.40	1.60

## Packing:

In 25-kg-bags on pallets of 1 MT shrinkfoiled or in 1 MT Big Bags.

31.03.2025

This technical information is given according to today's knowledge and can be subject to changes.

\*Sieving is determined according to Fepa Standard 42-1:2006; bulk density according to ISO 9136-1.