

# Pink Fused Aluminium Oxide

**Our Type:**  
**EKR-CBA, EKR-CBB**  
 sieving acc. Fepa F\*

**Description:**

Pink fused aluminium oxide is obtained by the fusion of calcined alumina together with chromium oxide in an electric arc furnace. The chromium oxide is fixed in the crystal frame and results in an increased toughness and changed friability of the grain.

**Application:**

- Resinoid bonded grinding wheels
- Vitrified grinding wheels
- Blasting

**Characteristics:**

Spec. Gravity: 3.94 g/cm<sup>3</sup>                      Fusion Point: 2040 °C  
 Shape: sharp

**Chemical Analysis (typical):**

Al <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub>	Na <sub>2</sub> O	Cr <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>
> 99.0%	< 0.1%	< 0.5%	0.25 - 0.40%	< 0.1%

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

Grit	min.	max.	Grit	min.	max.
F 10	1.80	1.95	F 54	1.62	1.77
F 12	1.80	1.95	F 60	1.58	1.73
F 14	1.75	1.90	F 70	1.56	1.71
F 16	1.75	1.90	F 80	1.55	1.70
F 20	1.75	1.90	F 90	1.53	1.68
F 24	1.70	1.85	F 100	1.50	1.65
F 30	1.69	1.84	F 120	1.45	1.60
F 36	1.68	1.83	F 150	1.42	1.57
F 40	1.67	1.82	F 180	1.40	1.55
F 46	1.67	1.82	F 220	1.38	1.53

**Packing:**

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

01.01.2024

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 9136-1.