



White Fused Alumina Edelkorund Corundum

A high quality electrofused corundum. Processed in the UK to ensure total logistical and quality control. Good quality blocky grains developed iron-free .

Produced from high temperature sintering of Bayer process low soda content calcined alumina .

Major phase identified by X-Ray Diffraction as massive corundum. No other discrete phases identified. WFA enables complete control of the chemistry and physical properties promoting complete control of the final ceramic or refractory system.

Produced in normal FEPA Macro grit sizes with other particle size distributions available

on request including micronised varieties.

Chemical Analysis

Typical

Oxide	%
SiO ₂	0.04
TiO ₂	<0.05
Al ₂ O ₃	99.68
Fe ₂ O ₃	<0.05
CaO	<0.05
MgO	0.06
K ₂ O	<0.05
Na ₂ O	0.24

Guaranteed

Al ₂ O ₃	min. 99.3 %
Na ₂ O	max. 0.4 %

Free metallic iron levels are below 50ppm (lower for many size distributions)

Physical Properties

Specific Gravity 3.98 kgdm⁻³

Alpha phase min 94%

Specials

Complete formulations of White Fused Alumina are available providing you with a cost-effective controlled mix. Micronised form also available.



Cermatco Limited
An ISO 9001:2000 Company

