



Abrasives, Electro Minerals & Metals

TECHNICAL DATA

Brand Name: **Alumac** White

Mac'Ants Group Ref: **WA**

Product: White Fused Alumina

Description: A high grade commercial white fused alumina manufactured from calcined alumina

Application: One of the hardest synthetic materials electro fused from prime grade alumina, for use in a myriad of applications from general blasting and surface finishing of non aero components and stainless steel substrates, anti slip flooring, vibratory finishing medias, coated & bonded abrasives and polishing compounds aswell as optical and lapidary processes.

Chemical Composition:

Compound	Chemical Formula	Typical Content %
Aluminium Oxide	Al ₂ O ₃	99.5
Silicon Dioxide	SiO ₂	0.02
Iron Oxide	Fe ₂ O ₃	0.08
Sodium Oxide	Na ₂ O	0.2- 0.4

Physical Parameters:

Bulk Density	subject to grade
Shape	Angular
Colour	White
Specific Gravity	3.95 g/cc
Hardness	9.5 moh / 2200 knoop Diamond

Gradation:

FEPA F and P grit in macro range 8 to 220 and micro 240 to 1200, bespoke and blended grades on request

Packaging:

Typically 25 kg multi ply paper sacks, but 1000kg big bags are available and custom label on application

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