



Abrasives, Electro Minerals & Metals

TECHNICAL DATA

Brand Name: **Alumac** Pink

Mac'Ants Group Ref: PIN

Product: Pink Fused Alumina

Description: Our pink fused alumina manufactured from calcined alumina with a small addition of chrome.

Application: One of the toughest fused aluminas available, the addition of typically 0.2% chrome within the melt of the fusion process renders a tougher grain than that of white fused alumina. Used in dry and wet blasting applications particularly aerospace and nuclear in addition it has been a popular product used in bonded abrasive applications.

Chemical Composition:

Compound	Chemical Formula	Typical Content %
Aluminium Oxide	Al ₂ O ₃	99.4
Silicon Dioxide	SiO ₂	0.02
Iron Oxide	Fe ₂ O ₃	0.02
Chrome Oxide	Cr ₂ O ₃	0.25
Sodium Oxide	Na ₂ O	0.2

Physical Parameters:

Bulk Density	1.74 – 1.84 g /cc (subject to grade)
Shape	Semi Angular
Colour	Pink
Specific Gravity	3.89 g/cc
Hardness	9.5 moh / 2250 knoop Diamond

Gradation:

FEPA F grit in macro range 8 to 220 and micro 240 to 1200.

Packaging:

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

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