



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

Compliance;

This product is REACH compliant, ask Mac'Ants Group for the associated REACH registration details.

Page: 1-1-5

Issue: 2

Date: May 2011

Document Status: ~~Controlled~~ / Uncontrolled

E & OE