



## Abrasives, Electro Minerals & Metals

### TECHNICAL DATA

Brand Name: **Alumac** Ferro Mac'Ants Group Ref: **FeSi**

Product: Brown Fused Alumina with Ferro Silicon

Description: A commercial brown fused alumina with ferro silicon inclusions

Application: A tough and aggressive electro mineral from the lower part of a fusion melt, this product has a higher level of ferro silicon which goes to improve the blasting lifespan of the media. Can be used where non ferro critical applications dictate.

#### Chemical Composition:

Compound	Chemical Formula	Typical Content %
Aluminium Oxide	Al <sub>2</sub> O <sub>3</sub>	63 – 70
Ferro Silicon	FeSi	11.5 - 19
Silicon Dioxide	SiO <sub>2</sub>	12.6 – 13.4
Titanium Dioxide	TiO <sub>2</sub>	1.6 – 2.4
Iron Oxide	FeO	4.35 – 4.75

#### Physical Parameters:

Bulk Density	1.40 – 2.25 g /cc (subject to grade)
Shape	Semi Cubical
Colour	Brown
Specific Gravity	3.65 g/cc
Hardness	9 moh / 2000 knoop Diamond

#### Gradation:

Blended size ranges of 16/20, 20/30, 30/40, 40/60, 60/80 and 80/120

#### 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.

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