



## Abrasives, Electro Minerals & Metals

### TECHNICAL DATA

**Brand Name:** **Alumac** Zirconia 40 Mac'Ants Group Ref: **ZA 40**

**Product:** 40% Zirconia Alumina

**Description:** A Zirconia Rich Fused Alumina .

**Application:** A high quality Alumina-Zirconia Abrasive Grain, specifically manufactured for use within the bonded abrasive industry. All material is manufactured to stringent high standards and graded to FEPA industry standards, other grading specifications can be supplied on request.

#### Chemical Composition:

Compound	Chemical Formula	Typical Content %
Aluminium Oxide	Al <sub>2</sub> O <sub>3</sub>	62 min
Zirconium Dioxide	ZrO <sub>2</sub>	37 – 41
Titanium Oxide	TiO <sub>2</sub>	0.5 max
Silicon Dioxide	SiO <sub>2</sub>	0.4 max
Iron Oxide	Fe <sub>2</sub> O <sub>3</sub>	0.3 max
Calcium Oxide	CaO	0.3 max
Magnesium Oxide	MgO	0.2 max
Sodium Oxide	Na <sub>2</sub> O	0.3 max

#### Physical Parameters:

Bulk Density	2.12 – 2.5 g /cc (subject to grade)
Shape	Cubical
Colour	Brown – Grey
Specific Gravity	TBC g/cc
Hardness	9.5 moh

#### Gradation:

FEPA F grit in macro range 8 to 220.

#### 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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**E & OE**

**Mac'Ants Group**, Todwick Road, Dinnington, Sheffield S25 3SE UK  
Tel: +44 (0) 1909 552500 Fax : +44 (0) 1909 568726  
Email: [group@macants.co.uk](mailto:group@macants.co.uk) [www.macants.co.uk](http://www.macants.co.uk)