



## Abrasives, Electro Minerals & Metals

### TECHNICAL DATA

**Brand Name:** *Ceramic Beads* Mac'Ants Group Ref: **CERB**

**Product:** Spheres Zirconia Ceramic

**Description:** Spheres or Beads of Zirconia Alumina based ceramic

**Application:** For use in controlled blasting / peening environments to relieve metal stresses and peening applications. Out lasts traditional glass beads by a factor of 10 yet does not offer the same cosmetic effect as glass beads

#### Chemical Composition:

Compound	Chemical Formula	Typical Content %
Aluminium Oxide	Al <sub>2</sub> O <sub>3</sub>	<10
Zirconium Dioxide	ZrO <sub>2</sub>	60 – 70
Silicon Dioxide	SiO <sub>2</sub>	28 - 33

#### Physical Parameters:

Bulk Density	2.3 g /cc (subject to grade)
Shape	Spherical
Colour	White
Specific Gravity	3.85 g/cc
Hardness	700 HV

#### Gradation:

Available in commercial grade prefixed B and Military Specification Peening Tolerances Prefixed Z, please ask for details

#### Packaging:

Typically 25 kg multi ply paper sacks/plastic tubs.

#### Compliance:

This product is exempt for registration under REACH regulation.

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