

CERAMIC BEADS



Ceramic beads are a zirconia based blasting medium, which is produced in a melting process and then shaped into spherical beads and classified in various grain sizes. Ceramic beads are iron-free and extremely tough.

APPLICATIONS

- Reusable abrasive
- Polishing
- Shot peening
- Blast cleaning

BLASTING SYSTEMS

- Pressure blast systems
- Injection blast cabinets
- Airless blast cleaning equipment

Typical physical properties

Hardness	approx. 7 - 7,5 mohs
Grain shape	spherical
Melting point	approx. 2100°C
Specific gravity	approx. 3,8 g/cm ³
Bulk density (depending on granular size)	approx. 2,1 - 2,4 g/cm ³

Typical chemical analysis

ZrO ₂	61,98 %
SiO ₂	27,77 %
Al ₂ O ₃	4,57 %
CaO	3,47 %
Fe ₂ O ₃	0,14 %
TiO ₂	0,34 %

Packaging

25 kg bags / drums on pallet up to 1 ton
1 ton loose in big bag

Available sizes

Metric	Average grain size (µm)
	0 - 63
	0 - 125
	70 - 125
	125 - 250
	250 - 425
	425 - 600
	600 - 850

Other grain sizes can be produced if required.

