

# Ceramic Blasting Beads for Blast Cleaning Bseries

## Technical Data Sheet

11/2024

### Ceramic Blasting Beads for Blast Cleaning Bseries

Ceramic Blasting Beads for Blast Cleaning Bseries are suitable for cleaning oxides, rust, coatings and burrs on the surface of various steels, aluminum and other non-ferrous alloys. They are widely used in the automotive industry, aerospace, metal casting and forging, industrial machinery and other fields.

- Smooth sphere is not easily damaged and reduces grinding roughness
- High toughness, stable performance even after hundreds of blasting cycles
- High hardness provides efficient and powerful cleaning power
- Generates minimal dust and maintains a good working environment
- Certified with ISO9001:2015 and ISO14001 standards

#### CHEMICAL ANALYSIS

Typical values	ZrO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>
%	60-70	<10	28-33

#### DESIGNATION AND AVAILABLE SIZES

Name	μm	Name	μm	Name	μm
B20	600-850	B30	425-600	B40	250-425
B60	125-250	B80	180-250	B100	125-180

#### PHYSICAL PROPERTIES

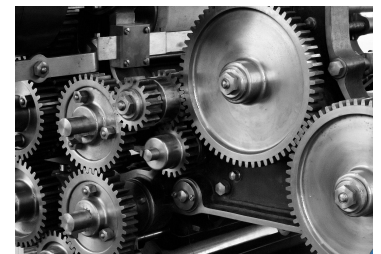
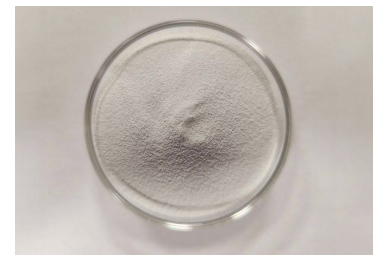
	Numerical Value
Mohs Hardness	8-9
Grain Shape	Sphere
Particle Color	White
Density	3.8g/cm <sup>3</sup>
Bulk Density	2.3g/cm <sup>3</sup>
Vickers Hardness	700HV

#### PACKAGING

- 25 kg plastic jerrycan, 1-ton bulk bag
- Big-bags available upon request

#### MAIN APPLICATIONS

- Cleaning welded steel parts and heavy machinery parts
- Cleaning turbomachinery parts and surface preparation before coating
- Cleaning engine parts, molds and cores
- Removing defects and residues from castings and forgings



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