

Microblast®

TECHNICAL DATA SHEET

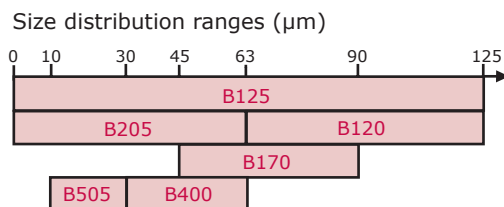
- Ceramic beads specifically suited to engraving & ultrafine treatment.
- High recyclability & impact resistance.

TYPICAL CHEMICAL ANALYSIS

ZrO ₂	60 to 70 %
SiO ₂	28 to 33 %
Al ₂ O ₃	< 10 %

Chemical analysis carried out by X-Ray fluorescence on melting sample

DESIGNATION AND AVAILABLE SIZES



CRYSTAL STRUCTURE

Zirconia	68 %
Vitreous phase	32 %

Typical values

PHYSICAL PROPERTIES

Specific gravity	3.8 g/cm ³
Bulk density	d>2.10 kg/l

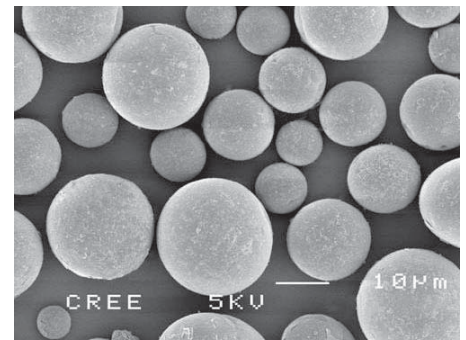
* Statistical measurement

- White color, spherical and smooth surface
- High toughness, but gentle with equipment and tools
- Chemically inert, non contaminating for treated parts
- Low dust production

PACKAGING

25 kg jerrycan

500 kg or 1 ton big-bag



MAIN APPLICATIONS

- Deburring:
 - Injection needle
 - Electronic components
- Glass frosting
- Surface etching
- Fine machining and engraving
- Cosmetic finishing

Saint-Gobain ZirPro is the expert in zirconia-based materials for industrial applications. From our global network of manufacturing, commercial and research facilities, we serve leading customers through long-term and trust-based relationships.

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