# Zirblast®

TECHNICAL DATA SHEET

07 / 2020

## ZIRBLAST SETS THE STANDARDS OF CERAMIC BEADS FOR IMPACT SURFACE TREATMENT

Zirblast® ceramic beads are suited to many surface blasting treatments. They show high efficiency and life cycle, whether used in wheel-blast or air-blast (dry or wet) systems.

- High toughness beads, gentle on blast equipment and delicate tooling
- Chemically inert, no iron contamination to treated parts
- Low dust emission & disposal
- Industry standard NF L 06-824

### CHEMICAL ANALYSIS

| Typical values | $ZrO_2$ | $SiO_2$ | $Al_2O_3$ | Other |
|---|---|---|---|---|
| wt% | 60 – 70 | 28 – 33 | < 10 | < 1 |

### DESIGNATION AND AVAILABLE SIZES

| Name | Size range (µm) | Name | Size range (µm) |
|---|---|---|---|
| **B100** | 125 – 180 | **B40** | 250 – 425 |
| **B80** | 180 – 250 | **B30** | 425 – 600 |
| **B60** | 125 – 250 | **B20** | 600 – 850 |

### PHYSICAL PROPERTIES

| | Typical values | Units |
|---|---|---|
| Specific gravity | 3.85 | $g/cm^3$ |
| Bulk density | 2.3 | kg/l |
| Vickers hardness | 700 | HV1 |

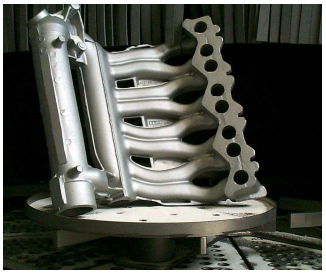
### PACKAGING

- 25 kg plastic jerrican
- 500 kg or 1 ton big-bag

### MAIN APPLICATIONS

- Tool cleaning
- Stainless steel and light alloy finishing
- Deburring
- Difficult descaling
- Paint or coating stripping
- Surface or galvanization etching





The contents of this data sheet are given in good faith but without warranty

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