

## ✂ 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 <sub>2</sub>	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	Other
wt%	60 – 70	28 – 33	< 10	< 1

### DESIGNATION AND AVAILABLE SIZES

Name	Size range (mesh)	Size range (µm)	Name	Size range (mesh)	Size range (µm)
<b>B100</b>	120 – 80	125 – 180	<b>B40</b>	60 – 40	250 – 425
<b>B80</b>	80 – 60	180 – 250	<b>B30</b>	40 – 30	425 – 600
<b>B60</b>	120 – 60	125 – 250	<b>B20</b>	30 – 20	600 – 850

### PHYSICAL PROPERTIES

	Typical values	Typical values
Specific gravity	240 lb/ft <sup>3</sup>	3.85 g/cm <sup>3</sup>
Bulk density	140 lb/ft <sup>3</sup>	2.3 kg/l
Vickers hardness	60 HRC	700 HV1

### PACKAGING

- 55 lbs - 25 kg plastic jerrycan
- Big-bags available upon request

### MAIN APPLICATIONS

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



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