

Zirblast Ceramic Beads

- Specifically suited to many impact surface treatments.
- High recyclability, efficient whether used in wheel-blast or air-blast (dry or wet) systems.

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

CRYSTAL STRUCTURE

Zirconia	68 %
Vitreous phase	32 %

Typical values

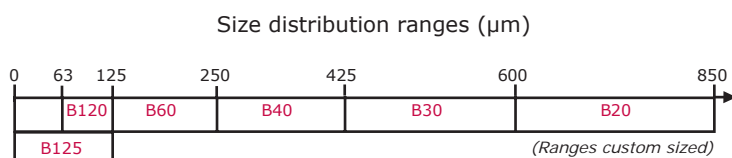
PHYSICAL PROPERTIES

Specific gravity	3.85 g/cm ³
Bulk density	2.30 kg/l
Vickers hardness (Equivalent HRC 50 at 65)*	700 HV1

* Statistical measurement

- White color and smooth surface
- High toughness, but not very aggressive with equipment and tools
- Chemically inert, non contaminating for treated parts
- Low dust production

DESIGNATION AND AVAILABLE SIZES



INDUSTRY STANDARD _____ NF L 06-824

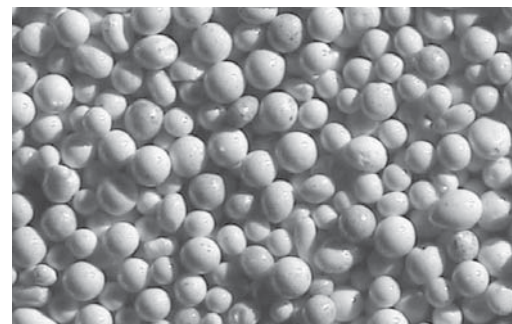
SPECIFICATION _____ DS SP BE 01

SAFETY DATA SHEET _____ DS MS BE 11

PACKAGING

25 kg plastic jerrycan, 50 kg and above palletized

500 kg or 1 ton big-bag



Zirblast B60 being used for steel descaling

MAIN APPLICATIONS

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

For higher performance applications, Zirshot beads are recommended (for example shot peening).

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