

ZirStar[®] Ceramic Beads

- Provides high milling efficiency and high wear resistance at a low cost.
- Longer life time of mill parts.

TYPICAL CHEMICAL ANALYSIS

ZrO ₂	75 %
Y ₂ O ₃	6 %
SiO ₂	14 %
Al ₂ O ₃	5 %

AVAILABLE SIZES

0.10 - 0.20 mm
0.20 - 0.30 mm
0.30 - 0.40 mm
0.40 - 0.60 mm
0.60 - 0.80 mm
0.80 - 1.00 mm
1.00 - 1.25 mm
1.25 - 1.60 mm

CRYSTAL STRUCTURE

Partially stabilized zirconia	≥ 75 %
Vitreous phase	< 25 %

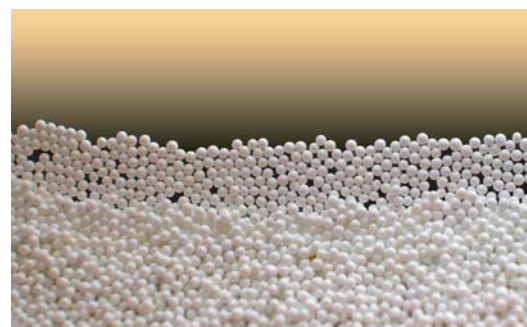
PHYSICAL PROPERTIES

Specific gravity	4.6 g/cm ³
Bulk density	2.8 kg/l
Hardness Vickers	1000 HV1

SAFETY DATA SHEET _____ DS MS BC 14

PACKAGING

20 kg or 25 kg packaging



MAIN APPLICATIONS

- Inks
- Magnetic coatings
- Dyes
- Pigments
- Cosmetics
- Minerals
- Electronic ceramics
- Ceramics

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