

Zirmil[®].2 Ceramic Beads

- Ceramic microgrinding beads produced from a unique yttria doped zirconia powder.
- Provides high milling efficiency and high wear resistance.

05/2007

TYPICAL CHEMICAL ANALYSIS

ZrO ₂	93 %
Y ₂ O ₃	5 %
Others	2 %

COLOUR _____ White

SIZES (nominal/tolerances)

0.6 mm	-0.1/+0.1
0.8 mm	-0.1/+0.1
1.0 mm	-0.1/+0.15
1.25 mm	-0.15/+0.15
1.5 mm	-0.15/+0.2
1.75 mm	-0.15/+0.2
2.0 mm	-0.2/+0.25
2.3 mm	-0.2/+0.25

CRYSTAL STRUCTURE _____ >95 % stabilized

PHYSICAL PROPERTIES

Specific gravity	6 g/cm ³
Bulk density	3.7 kg/l
Hardness Vickers	1200 HV1

SAFETY DATA SHEET _____ On request

PACKAGING

1 kg, 5 kg, 10 kg, and 20 kg plastic containers



MAIN MICROGRINDING APPLICATIONS

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

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