

Zirmil® Y Ceramic Beads

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

TYPICAL CHEMICAL ANALYSIS

ZrO ₂	93 %
Y ₂ O ₃	5 %
Others	2 %

COLOUR _____ White

SIZES (nominal/tolerances)

0.1 mm	-0.02/+0.08
0.2 mm	-0.04/+0.10
0.3 mm	-0.02/+0.10
0.4 mm	-0.05/+0.10
0.5 mm	-0.05/+0.15
0.6 mm	-0.10/+0.10
0.8 mm	-0.10/+0.10
1.0 mm	-0.10/+0.10
1.25 mm	-0.07/+0.15
1.5 mm	-0.25/+0.10
1.75 mm	-0.15/+0.25
2.0 mm	-0.20/+0.24
2.3 mm	-0.06/+0.20

CRYSTAL STRUCTURE _____ >95 % stabilized

PHYSICAL PROPERTIES

Specific gravity	6 g/cm ³
Bulk density	3.7 kg/l
Hardness Vickers	1250 HV1

SAFETY DATA SHEET _____ ZIRPRO RA.2

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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