

# Ceramic Beads Zirmil®

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

## TYPICAL CHEMICAL ANALYSIS

ZrO <sub>2</sub>	Y <sub>2</sub> O <sub>3</sub>	Others
93%	5.0%	2.0%

## AVAILABLE SIZES

- 0.5 - 0.7 mm
- 0.7 - 0.9 mm
- 0.9 - 1.1 mm
- 1.1 - 1.4 mm
- 1.3 - 1.6 mm
- > 1.6 mm (Under development)

**CRYSTAL STRUCTURE** \_\_\_\_\_ 98% tetragonal

## PHYSICAL PROPERTIES

Specific gravity	5.9 g/cm <sup>3</sup>
Bulk density	3.6 kg/l
Hardness Vickers	1200 HV1

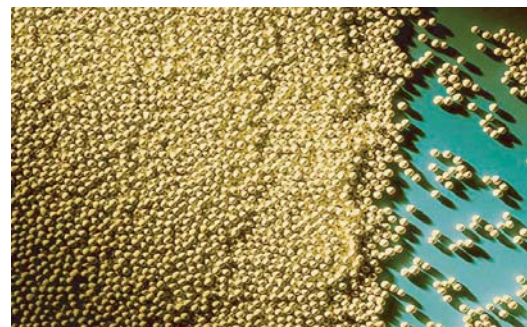
**SPECIFICATION** \_\_\_\_\_ DS SP BC 11

**SAFETY DATA SHEET** \_\_\_\_\_ DS MS BC 13

## PACKAGING

20 kg plastic drum

1 kg, 5 kg, 10 kg plastic containers



## MAIN APPLICATIONS

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

SEPR  
ZirPro Department  
B.P. 25 - 84131 Le Pontet Cedex  
France

Tel.: +33 (0)4 90 39 99 14  
Fax: +33 (0)4 90 39 99 98  
e-mail : zirpro@saint-gobain.com

<http://www.zirpro.com>

