

Zirconium Oxide CZ

- A powder with a high chemical purity.
- A particle size suitable to a large range of applications.

TYPICAL CHEMICAL ANALYSIS

ZrO ₂ +HfO ₂ *	SiO ₂	Na ₂ O	TiO ₂	Fe ₂ O ₃	L.O.I. (20°C - 1000°C)
≥ 99.50%	0.009%	0.01%	0.003%	0.005%	0.50%

* by difference

PARTICLE SIZE DISTRIBUTION

The particle size may be customized upon request.

Product available in two grades:

CZ-1: D50	1.5 µm
CZ-5: D50	5.0 µm

Analytical method: Laser analysis

CRYSTAL STRUCTURE _____ Monoclinic

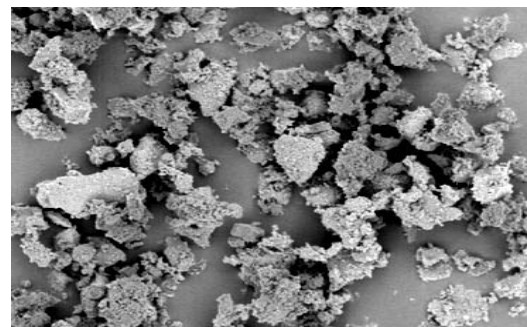
PHYSICAL PROPERTIES

Specific gravity	5.74 g/cm ³
Loose bulk density	0.8 - 0.9 g/cm ³
Specific surface area	6.0 - 8.0 m ² /g

Method: B.E.T.

PACKAGING

25 kg moisture proof paper bags.



MAIN APPLICATIONS

- Ceramic colours
- PZT
- Optical glasses

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