

CZE Zirconias

TECHNICAL DATA SHEET

- Monoclinic zirconia powders with a high chemical purity.
- Fine and reactive powders.

TYPICAL CHEMICAL ANALYSIS (ppm)

ZrO ₂ +HfO ₂ *	SiO ₂	Na ₂ O	CaO	TiO ₂	Fe ₂ O ₃	Al ₂ O ₃
> 99.9%	50	100	20	10	20	20

* by difference

PARTICLE SIZE & SPECIFIC SURFACE AREA

	CZE-S1	CZE-M1	CZE-G1
SSA (m ² /g)	6	15	25
D50 (µm)	0.4	0.4	0.4
D90 (µm)	< 1.5	< 1.5	< 1.5
D98 (µm)	< 5	< 5	< 5

Analytical method:

- Specific surface area by B.E.T.

- Particle size distribution by laser diffraction

Other particle sizes and SSA can be available upon request.

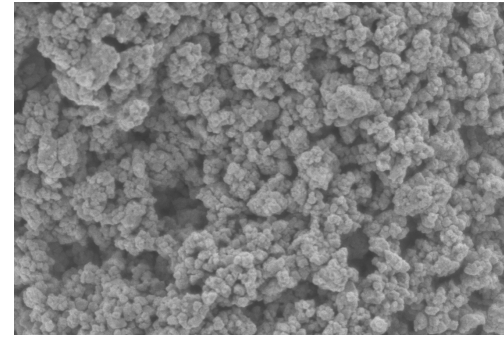
CRYSTAL STRUCTURE ————— 100% Monoclinic

SAFETY DATA SHEET AVAILABLE

PACKAGING

25 kg plastic drums.

Other packaging upon request.



MAIN APPLICATIONS

- Electronic ceramics
 - PZT
 - MLCC
- Structural ceramics
- Oxygen sensors

Saint-Gobain ZirPro is the expert in zirconia-based materials for industrial applications. From our global network of manufacturing, commercial and research facilities, we serve leading customers through long-term and trust-based relationships.

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