

CZ Zirconias

TECHNICAL DATA SHEET

- Monoclinic zirconia powders with a high chemical purity.
- Particle sizes suitable for a large range of applications.

TYPICAL CHEMICAL ANALYSIS (ppm)

	ZrO ₂ +HfO ₂ *	SiO ₂	Na ₂ O	TiO ₂	Fe ₂ O ₃	Al ₂ O ₃	Cl
CZ	> 99.9%	50	20	10	20	20	500
CZ-P	> 99.9%	50	20	10	20	20	150

* by difference

PARTICLE SIZE & SPECIFIC SURFACE AREA

	CZ-L	CZ-5	CZ-PL	CZ-P5
D90 (µm)	/	10	/	10
D50 (µm)	<250	4	<250	4
D10 (µm)	/	1	/	1
SSA (m ² /g)	/	6	/	3

Analytical method:

- Specific surface area by B.E.T.

- Particle size distribution by laser diffraction

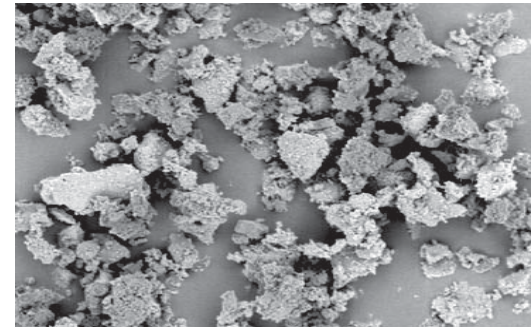
Other particle sizes and SSA can be available upon request.

CRYSTAL STRUCTURE _____ 100% Monoclinic

SAFETY DATA SHEET AVAILABLE

PACKAGING

25 kg moisture proof paper bags.
25 kg plastic drums upon request.
Big-bags.



MAIN APPLICATIONS

- Ceramic colours
- Thermal barriers
- Optical glasses
- Structural ceramics
- Refractory applications

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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