



# Special Oxides

PRODUCT CODE

## ZTA-ATZ SERIES

### TYPICAL VALUES

Chemical Composition	Zirconia	ZrO <sub>2</sub>
	Alumina	Al <sub>2</sub> O <sub>3</sub>
BET Specific Surface Area (m <sup>2</sup> /g)		15
Particle Size Distribution (µm)	d10	10
	d50	23
	d90	35
ZTA80 Density (g/cm <sup>3</sup> ) @ 1550°C		4.35
ATZ80 Density (g/cm <sup>3</sup> ) @ 1550°C		5.69

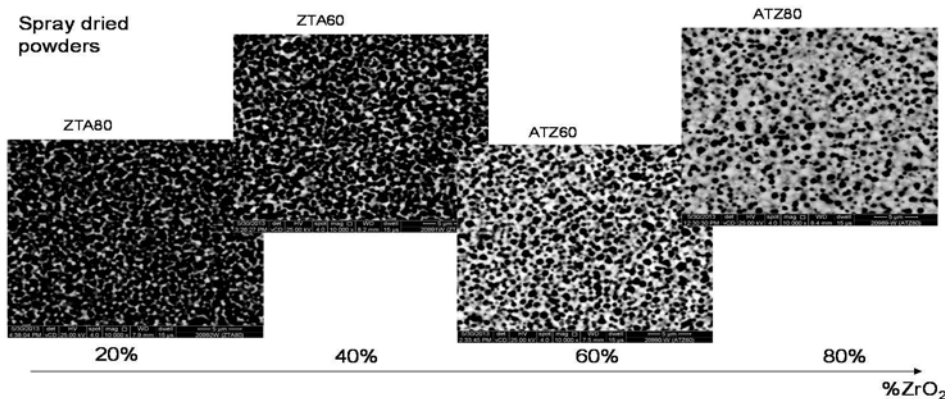
### Main applications



Colored ceramics – watch parts



Orthopedic & dental ceramics



Baikowski provides customized solutions

Homogenous microstructure for all zirconia/alumina formulations

### CHEMICAL ANALYSIS

ICAP values (ppm)

Ca	<20	Si	<70	Na	<20
Fe	<10	K	<10		

Typical values are given by Baikowski as an indication only. Such values are not contractual.

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