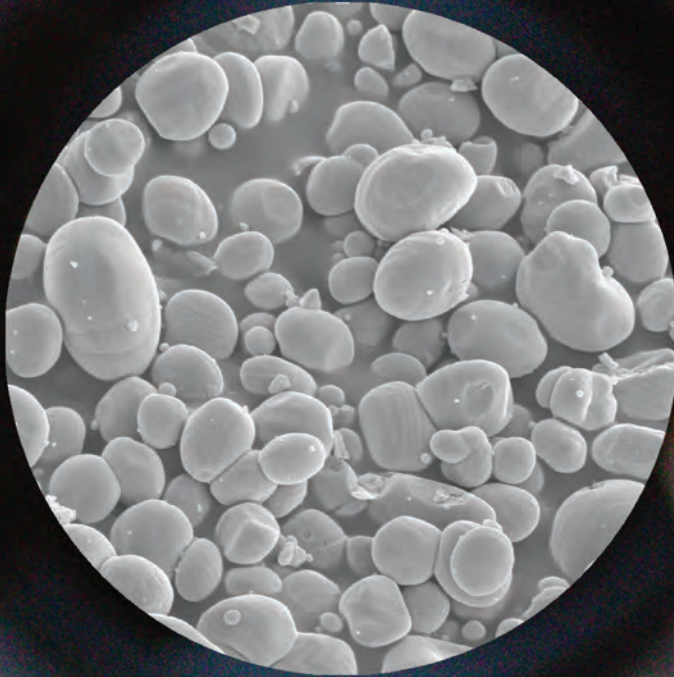




Zirconia

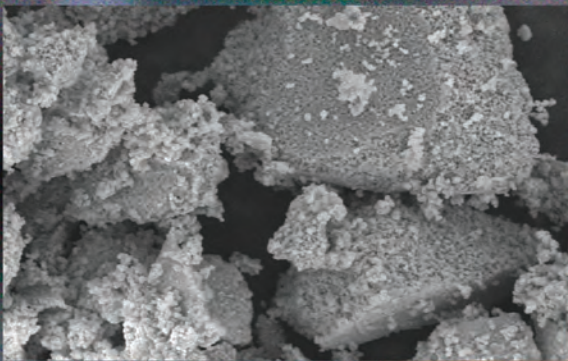
A Closer Look



Zircoa A-Grain Monoclinic Zirconia

Spheroidal Particles / Low Surface Area

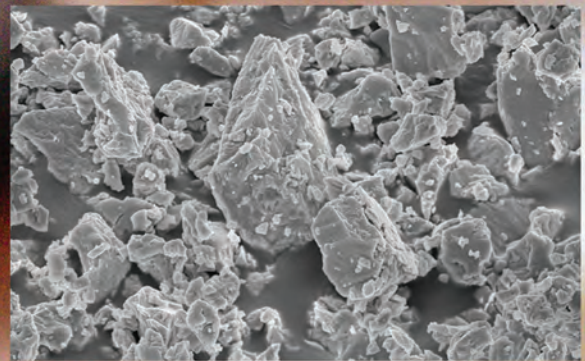
- Easily Dispersed
- High solids loading (80-90%)*
- Lower shrinkage of fired parts



Typical Precipitated Zirconia

High Surface Area / Agglomerated Particles

- High sinterability / lower firing temps
- Higher purity
- Lowest solids loading (50-70%)*



Typical Fused Zirconia

Angular Particle Shape / High Aspect Ratio

- Low solids loading (65-75%)*
- Intensive milling for particle size reduction
- High Cost processing

Contact:

Jake Mochoskay
+1 (440) 409 - 4827
jmochoskay@zircoa.com
www.zircoa.com

* Typical solids content for spray drying

Sample images at 6um magnification