

SLA_z | BAIKALOX[®] ALUMINA SLURRIES & NANO-ZIRCONIA DOPING

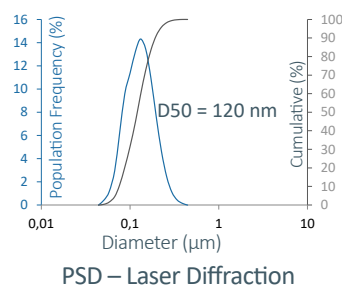
Characteristics

> SLA_z are tailor made slurries of high purity fine alpha alumina with nano-zirconia:

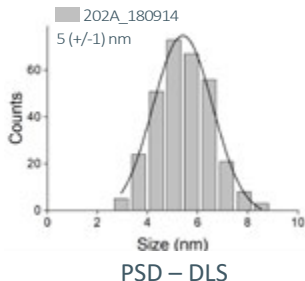
- Customized ratio of nano-zirconia in fine alpha alumina matrix
- Customized solid loading

***For specific uses, Baikowski[®] can provide ready-to-disperse powders*

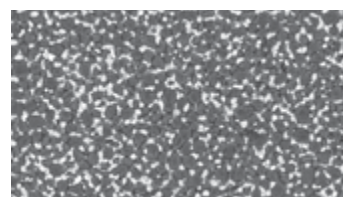
> Particle size distribution



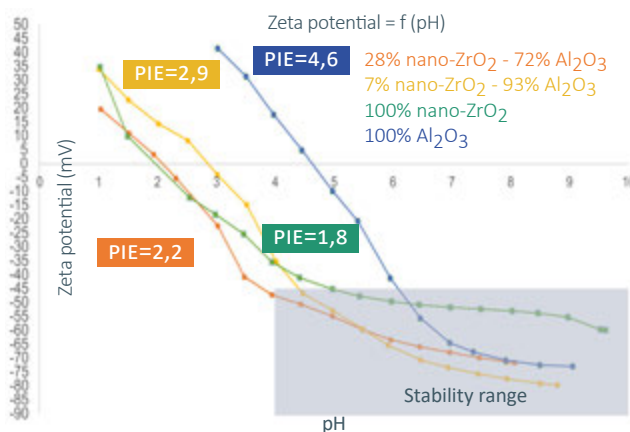
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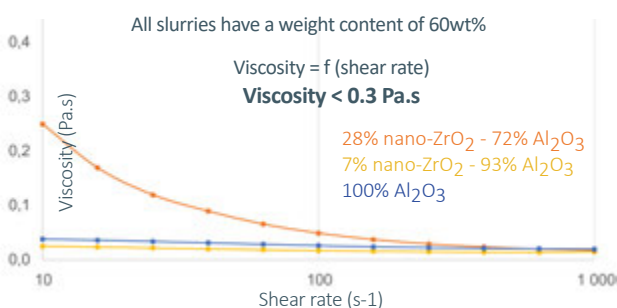
> Nano-Zirconia is homogeneously reparted into the alumina matrix



> The SLA_z slurries are stable on a large range of pH : from 4 to 10



> Low viscous slurries ($\eta < 0.3$ Pa.s) and small impact of the nano-ZrO₂ on the viscosity for slurry's processability.



Applications

> The SLA_z range highlights exceptional properties, especially for CMC applications.



PRODUCT DESIGN

Any technical challenges? Ask for a custom SLA_z slurry design that suits your process and application.



With great powder comes great responsibility



Baikowski® 

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