

# SLAZ<sup>®</sup> BAIKALOX<sup>®</sup> ALUMINA SLURRIES & NANO-ZIRCONIA DOPING

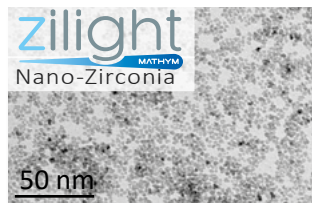
## Characteristics

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

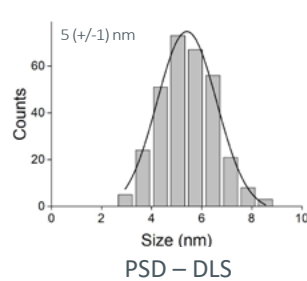
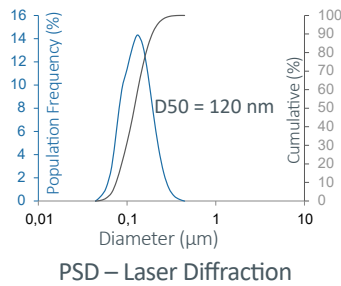
- Customized ratio of nano-zirconia in fine alpha alumina matrix
- Customized solid loading

*\*\*For specific uses, Baikowski<sup>®</sup> can provide ready-to-disperse powders*

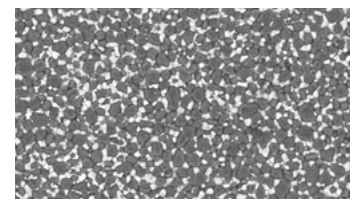
> Particle size distribution



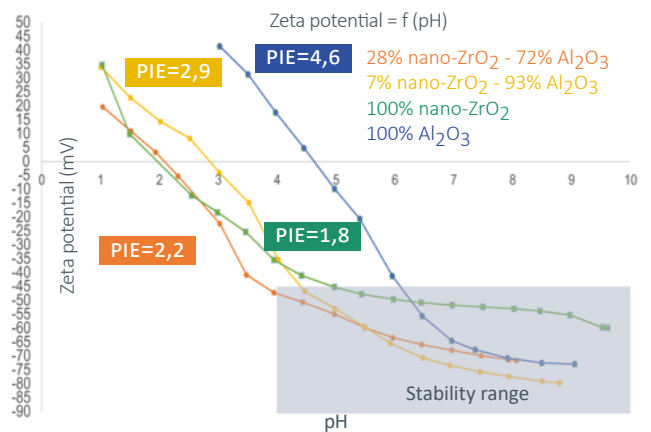
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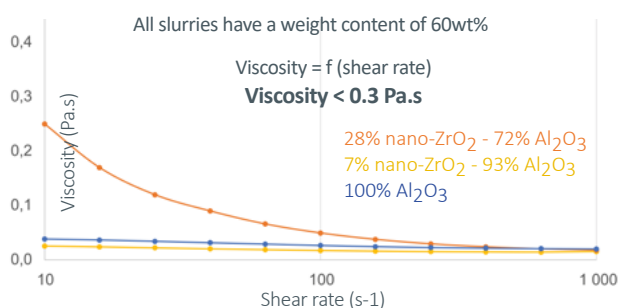
> Nano-Zirconia is homogeneously reparted into the alumina matrix



> The SLAZ 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-ZrO<sub>2</sub> on the viscosity for slurry's processability.



## Applications

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



**PRODUCT DESIGN**

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



# Your solution partner for fine minerals



Baikowski® 

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**Baikowski® SA**  
France | Poisy | ☎ +33 4 50 22 69 02

**Mathym® SAS**  
France | Lyon | ☎ +33 4 78 83 72 93

**Baikowski® Malakoff Inc.**  
USA | Malakoff (TX) | ☎ +1 903-489-1910

**Baikowski® International Corp.**  
USA | Charlotte (NC) | ☎ +1 704-587-7100

[www.baikowski.com](http://www.baikowski.com)  
[sales@baikowski.com](mailto:sales@baikowski.com)



Follow us:    

**Sales Representative in China**  
China | Shanghai | ☎ +86 21.6289.2883

**Baikowski® Korea Co, Ltd.**  
Korea | Seoul | ☎ +82 255.281.97

**Baikowski® Japan Co, Ltd.**  
Japan | Chiba | ☎ +81 474.73.8150

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