

# BaikoDesign®

## ■ BAIKODESIGN® PRODUCTS RANGE

**SPINEL**  
**YAG/LuAG**  
**BSZ** BAIKOWSKI®  
STABILIZED  
ZIRCONIA  
**ZTA/ATZ**

## ■ BAIKOWSKI® PRODUCTS PROPERTIES

> Thanks to Baikowski® process routes, all our special oxides products are **controlled in:**

- Particle size and size distribution
- Purity (4N)
- Chemical composition and crystallographic phase
- Specific surface area
- Stabilizer rate & dopant content and distribution

## ■ BAIKOWSKI® PROCESS



GREEN TAPE  
FIRED TAPE CAST

> Baikowski® products are **easy to process:**

- Incorporation in the formulation adapted to the ceramic process used (Injection Molding, Tape Casting,...)
- Good sinterability and control of the crystallites growth

> Baikowski® products can be delivered in:

- Powder: agglomerated, deagglomerated
  - Jet Mill (-CR)
  - Ball Mill (-DBM)
  - Wet Mill (-PS)
- Slurry
- Spray dried powder (-W)
- Spray dried powder with binders system (-WL)  
*Ready-To-Press*
- Feedstocks & Beads
- Green & Fired tape cast



## PRODUCTS DESIGN

Different and specific product characteristics can be developed upon request:

- Chemical composition
- Content
- Specific surface area
- Particle size distribution
- Dopant
- Stabilizer



**Baikowski**  
PSB INDUSTRIES