

# ZrO<sub>2</sub>

High-Toughness Ceramic



### Material performance:

- 1: Fracture Toughness 6-10MPam<sup>1/2</sup>
- 2: Thermal Expansion Coefficient: 10 x 10/k
- 3: Excellent thermal conductivity 3W/mK
- 4: Maximum Operating Temperature 1000°C

## Accessories for powder grinding equipment



### Product Performance:

- High temperature resistance
- Corrosion resistance
- Wear resistance
- High chemical stability, suitable for harsh environments
- Customizable dimensions tailored to specific needs

# SiC

Super-hard ceramic material



### Material performance:

- 1• Density 3.20g / cm<sup>3</sup>
- 2• Hardness 94HRA
- 3• High thermal conductivity 80W / mk
- 4• Max Operating temperature 1600°C
- 5• Low expansion coefficient 4.5x10<sup>-6</sup> / k at 400°C
- 6• Excellent corrosion and wear resistance under high-temperature conditions

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  - 2: Fracture tou
  - 3: Bending stre
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