

Zirconia Toughened Alumina (ZTA)

Features

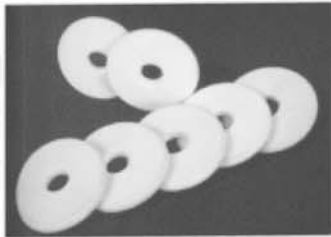
- Price Lower than Zirconia
- Performance Higher than Alumina

Applications

- Crucibles
- Cylinder Liner for Slurry Pump
- Ring, Plate, Pipe, Box
- Various Parts
- Friction Disc for Textile Machine

Characteristics of Material

Item	Unit	Value
Mohs Hardness		9
Bending Strength	MPa	455
Fracture Toughness	MPam ^{1/2}	5.29
Max. Operating Temperature	°C	1010



Friction disc



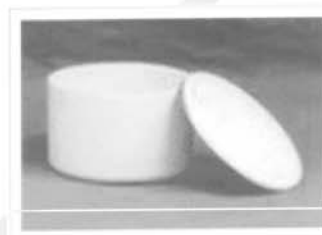
Cylinder liner for slurry pump



Cylinder liner for slurry pump



Various parts



Crucibles



Textile parts