FRIALIT®-DEGUSSIT® Oxide Ceramics

High-pressure pistons

Application:
Reliable conveyance of media ranging from liquid to high-viscosity substances

Material:
Zirconium Oxide (Mg-PSZ) **FRIALIT FZM**
Aluminium Oxide (ZTA) **FRIALIT FZT**
Aluminium Oxide (Al_2O_3) **FRIALIT F99.7**

FRIATEC works photo

Pistons made of **FRIALIT F99.7**, **FRIALIT FZT** or **FRIALIT FZM** ceramics are used to convey media ranging from liquid to high-viscosity substances. The ceramic high-performance pistons are also exceptionally well-suited for extreme-pressure applications, such as water-jet cutting. High resistance to wear and optimum sliding properties ensure a long operational lifetime.
We supply suitable materials in the required dimensions for all individual applications.

Fields of Application:

- Water-jet cutting sites
- Pressure water sites
- Recirculation systems for - filtration
  - cooling
  - flushing

- High resistance to wear
- Optimum sliding properties
- Pressure resistance

Competence plus responsibility

Our clients rightly expect first class service with sustainable value.

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