

Applications

Glas industry

- rotating injection moulds
 - mouth and automatic blowing
- glass tube production
 - drag- and straightening rolls
- fix blowing moulds
- shaping blocks, grips etc.



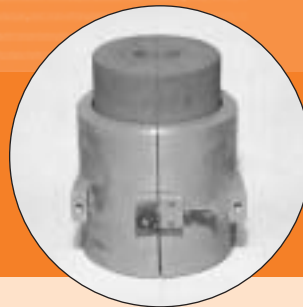
Metal castings

- ingot moulds for metals casting
- gas rinsing lance heads
- melting pots for aggressive alloys

Benefits

Facts

- pasting not required
- good dimensional stability, even in large production runs
- easy installation and removal
- long service life with low maintenance costs
- more economical production method
- no special storage required (in comparison to wooden moulds)



Materials

Data:

- density: 1.1 – 1.4 g/cm³
- porosity: up to 50 %
- compressive strength: > 60 N/mm²
- hardness: > 65 Shore



Properties:

- high storing capacity for water
- very low thermal conductivity
- high temperature resistance in inert gas
- isotropic and homogenous grain structure
- optimum gas permeability
- outstanding resistance to thermal shocks

