

SILKON220

CASTABLE REFRACTORY



Characteristic

SILKON220 is calcium silicate and bauxite based castable refractory inert to liquid aluminium and its alloys. It is a high strength material offering high resistance to erosion and mechanical damage. SILKON220 shapes are pre-fired supplied ready for installation.

Application

- Transfer Launderers
- Casting launders
- Funnels
- Filter boxes

Composition

- AL₂O₃ - 57%
- SiO₂ - 32%
- CaO - 7%

Physical Properties

- Bulk density 2100kg/m³
- Cold crushing strength 40Mpa
- Maximum service temperature 1300°C

Advantages

- ✓ Dimensionally stable
- ✓ Thermal shock resistant

Advantages

- ✓ Non-wetting