

SILKON270_5

CASTABLE REFRACTORY



Characteristic

SILKON270_5 is refractory castable based on SiC and calcium silicate inert to liquid aluminium and its alloys. It is a high strength material offering high resistance to erosion and mechanical damage. SILKON270_5 shapes are pre-fired supplied ready for installation.

Application

- Furnace Treshold
- Funnels
- Degassing launders
- Impact Cores

Composition

- AL₂O₃ - 35%
- SiO₂ - 50%
- SiC - 12%
- CaO - 2%

Physical Properties

- Bulk density 2400kg/m³
- Cold crushing strength 40Mpa
- Maximum service temperature 1300°C

Advantages

- ✓ Thermal shock resistant
- ✓ Non-wetting

Advantages

- ✓ Extremely durable
- ✓ Dimensionally stable