

# SILKON270\_20

## CASTABLE REFRACTORY



## Characteristic

SILKON270\_20 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\_20 shapes are pre-fired supplied ready for installation.

## Application

- Filter boxes
- Funnels
- Impact Cores

## Composition

- AL<sub>2</sub>O<sub>3</sub> - 35%
- SiO<sub>2</sub> - 50%
- CaO - 5 %
- SiC - 8%

## Physical Properties

- Bulk density 2260kg/m<sup>3</sup>
- Cold crushing strength 25Mpa
- Maximum service temperature 1050°C

## Advantages

- ✓ Thermal shock resistant
- ✓ Non-wetting

## Advantages

- ✓ Extremely durable
- ✓ Dimensionally stable

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