

sicacast[®]

Silicon Carbide Castable

simonsen[®]

Max. Service Temp.: °C 1500

Chemical Analysis:

SiC.....	%	> 84.0
Al ₂ O ₃	%	< 8.0
CaO.....	%	< 2.5
Fe ₂ O ₃	%	< 0.5
KNaO.....	%	< 0.2

Cold Crushing Strength:

@ 110°C x 24 h.....	MPa	> 35
@ 1000°C x 3 h.....	MPa	> 80

Linear Change:

@ 110°C x 24 h.....	%	approx. -0.1
@ 1000°C x 3 h.....	%	approx. -0.3

Grain Size:mm < 4.0

Bulk Density:g/cm³ > 2.45

Setting Characteristics: Hydraulic

Thermal Conductivity: W/m·K approx. 7.0

Storage Life:months 12

Storage: Dry condition

Packing:

- In double plastic bags and 1 fibre bag containing 25 kilos
- 1 wooden case contains 40 bags = 1,000 kilos net

HS Tariff Number: 3816002000
(Harmonized Commodity Description and Coding System)

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