

PRODUCT TYPE : Tørrpresset chamotte stein
 Rec.: Cement : H 16, HM Extra, Sairset
 Main component : Chamotte

Chemical analysis

Calcined basis, unit%

Al ₂ O ₃	SiO ₂	SiC	MgO	ZrO ₂	Cr ₂ O ₃	CaO	TiO ₂	Fe ₂ O ₃	P ₂ O ₅	Alkalies
35	58		0,5			0,4	1,4	3,2		1,5

Physical properties

Bulk density		2100	Kg/m ³
Apparent porosity		20	%
Cold crushing strength		35	MPa
Refractoriness under load	- T ₀₅		°C
	- T ₅		
Thermal shock resistance			Cycles
Permanent linear change - test piece fired for 5 hrs at		°C	%
Linear thermal expansion at 1000 °C		0,5	%
Thermal conductivity		°C	W/m*K

Above data are typical of machine-made square bricks.
 Tests according to DIN-standards.

03.07