

C SIC 500

CLASSIFICATION	Low Cement Castable, Silicon Carbide Containing		
PHYSICAL PROPERTIES	Max. Service Temperature	°C	1500
	Max. Grain Size of Aggregates	mm	5
	Approx. Weight Required for Casting	kg/m ³	2800
	Approx. Amount of Water Required for Casting	%	4.5-5.0
	Bulk Density After Drying at 110 °C	kg/m ³	2830
	Modulus of Rupture After Drying at 110 °C	kg/cm ²	160
	Modulus of Rupture After Heating at 1000 °C	kg/cm ²	180
	Cold Crushing Strength After Drying at 110 °C	kg/cm ²	800
	Cold Crushing Strength After Heating at 1000 °C	kg/cm ²	1100
	Permanent Linear Change After Heating at 1500 °C	%	+0.15
CHEMICAL COMPOSITION	Alumina (Al ₂ O ₃)	%	33.6
	Silica (SiO ₂)	%	13.7
	Silicon Carbide (SiC)	%	50.0

The above data are typical values of which the properties of the samples tested according to the internal procedure and standard of Siam Refractory generally accepted by our customers for many years. The above data can not be used for specification or guarantee purpose. Siam Refractory reserves the right to update the above data and change our internal procedure and standard without any prior notice.

