

CLASSIFICATION

Low Cement Castable , Silicon Carbide Containing (Anti-oxidation)
For Outlet Zone , Burner Pipe

PHYSICAL PROPERTIES

Max. Service Temperature	°C	1500
Max. Grain Size of Aggregate	mm	5
Approximate Weight Required for Casting	kg/m ³	2595
Approximate Amount of Water Required for Casting	%	5.0-5.5
Bulk Density After Drying at 110 °C	kg/m ³	2620
Modulus of Rupture		
After Heating at 100 °C	kg/cm ²	150
After Heating at 1000 °C	kg/cm ²	200
Cold Crushing Strength		
After Heating at 100 °C	kg/cm ²	800
After Heating at 1000 °C	kg/cm ²	1100
Reheat Test , Permanent Linear Change		
After Heating at 100 °C	%	0.0
After Heating at 1000 °C	%	-0.06

CHEMICAL COMPOSITION

Alumina (Al ₂ O ₃)	%	25.0
Silicon Carbide (SiC)	%	58.5
Iron Oxide (Fe ₂ O ₃)	%	0.4
Lime (CaO)	%	1.3

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.