

ALCOM 70

CLASSIFICATION	Chromic-Alumina Castable		
PHYSICAL PROPERTIES	Max. Service Temperature	°C	1700
	Bulk Density After Drying at 110 °C	kg/m ³	2960
	Modulus of Rupture After Drying at 110 °C	kg/cm ²	90
	Cold Crushing Strength After Drying at 110 °C	kg/cm ²	750
	Permanent Linear Change After Heating at 1350 °C	%	-0.60
CHEMICAL COMPOSITION	Alumina (Al ₂ O ₃)	%	71.0
	Silica (SiO ₂)	%	2.8
	Chromic Oxide (Cr ₂ O ₃)	%	25.0
THERMAL CONDUCTIVITY	400 °C	(W/m.K)	2.60
	500 °C	(W/m.K)	2.50
	600 °C	(W/m.K)	2.40
	800 °C	(W/m.K)	2.20
	1000 °C	(W/m.K)	2.20
	1200 °C	(W/m.K)	2.20

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.