



PRODUCT INFORMATION SHEET

SK 38

CLASSIFICATION	SUPER DUTY HIGH ALUMINA BRICK		
PHYSICAL PROPERTIES	Pyrometric Cone Equivalent	Orton Cone	37-38
	Refractoriness	⁰ C	1830
	Bulk Density	kg/m ³	2740-2750
	Apparent Porosity	%	17.0-18.0
	Cold Crushing Strength	kg/cm ²	720-750
	Modulus of Rupture	kg/cm ²	120-130
	Permanent Linear Change Max at 1400 ⁰ C	%	+1.0
THERMAL CONDUCTIVITY	at 800 ⁰ C	(W/m.K)	0.43
	at 1000 ⁰ C	(W/m.K)	0.68
	at 1200 ⁰ C	(W/m.K)	0.73
	at 1400 ⁰ C	(W/m.K)	0.88
CHEMICAL COMPOSITION	Alumina (Al ₂ O ₃)	%	79.8
	Silica (SiO ₂)	%	15.2
	Iron Oxide (Fe ₂ O ₃)	%	1.6
	Calcium Oxide (CaO)	%	0.3
	Alkalines (Na ₂ O+K ₂ O+Li ₂ O)	%	0.4
APPROX. (%)			

The data cannot be used for specification and guarantee purpose – reasonable variances in data can be expected. Product data is update periodically to reflect product / raw material / process / testing changes. Please contact BST's

We are refractory solutions