

BTU^{PLUS} Insulating Fire Bricks Data Sheet – 3000

Index	3000	
Classification Temperature °C	1650	
°F	3002	
Bulk Density g/cm ³	1030.00	
lb/ft ³	64	
Modulus of Rupture Mpa	1.7	
lb/in ²	247	
Cold Crushing Strength Mpa	2.8	
lb/in ²	406	
Permanent Linear Change %	-0.9	
°C x Hr	1620 x 24	
Thermal Conductivity (W/m*k)	400 °C / 752 °F	0.40
	600 °C / 1112 °F	0.42
	800 °C / 1472 °F	0.44
	1000 °C / 1832 °F	0.45
	1200 °C / 2192 °F	0.47
Al ₂ O ₃ %	72	
Fe ₂ O ₃ %	0.3	
SiO ₂ %	26	
TiO ₂ %	0.5	
CaO + MgO %	0.3	
K ₂ O + Na ₂ O %	0.2	

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