

BTU^{PLUS} Insulating Fire Bricks Data Sheet – 2300

Index	2300	
Classification Temperature °C	1260	
°F	2300	
Bulk Density g/cm ³	0.60	
lb/ft ³	36	
Modulus of Rupture Mpa	0.9	
lb/in ²	131	
Cold Crushing Strength Mpa	1.2	
lb/in ²	174	
Permanent Linear Change %	-0.05	
°C x Hr	1230 x 24	
Thermal Conductivity (W/m*k)	400 °C / 752 °F	0.17
	600 °C / 1112 °F	0.19
	800 °C / 1472 °F	0.22
	1000 °C / 1832 °F	0.25
	1200 °C / 2192 °F	-
Al ₂ O ₃ %	45	
Fe ₂ O ₃ %	0.7	
SiO ₂ %	50	
TiO ₂ %	1.2	
CaO + MgO %	0.7	
K ₂ O + Na ₂ O %	1.3	

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