

BTU^{PLUS} Insulating Fire Bricks Data Sheet – 2800

Index	2800	
Classification Temperature °C	1540	
°F	2804	
Bulk Density g/cm ³	0.89	
lb/ft ³	55.5	
Modulus of Rupture Mpa	1.6	
lb/in ²	232	
Cold Crushing Strength Mpa	2.6	
lb/in ²	377	
Permanent Linear Change %	-0.8	
°C x Hr	1510 x 24	
Thermal Conductivity (W/m*k)	400 °C / 752 °F	0.3
	600 °C / 1112 °F	0.32
	800 °C / 1472 °F	0.35
	1000 °C / 1832 °F	0.38
	1200 °C / 2192 °F	0.39
Al ₂ O ₃ %	65	
Fe ₂ O ₃ %	0.3	
SiO ₂ %	33	
TiO ₂ %	0.9	
CaO + MgO %	0.2	
K ₂ O + Na ₂ O %	0.8	

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