

**BTU<sup>PLUS</sup> Insulating Fire Bricks Data Sheet – 2600**

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Classification Temperature °C	1430	
°F	2606	
Bulk Density g/cm <sup>3</sup>	0.80	
lb/ft <sup>3</sup>	50	
Modulus of Rupture Mpa	1.5	
lb/in <sup>2</sup>	218	
Cold Crushing Strength Mpa	2.4	
lb/in <sup>2</sup>	348	
Permanent Linear Change %	-0.5	
°C x Hr	1400 x 24	
Thermal Conductivity (W/m*k)	400 °C / 752 °F	0.24
	600 °C / 1112 °F	0.27
	800 °C / 1472 °F	0.30
	1000 °C / 1832 °F	0.32
	1200 °C / 2192 °F	0.35
Al <sub>2</sub> O <sub>3</sub> %	55	
Fe <sub>2</sub> O <sub>3</sub> %	0.6	
SiO <sub>2</sub> %	42	
TiO <sub>2</sub> %	1.1	
CaO + MgO %	0.3	
K <sub>2</sub> O + Na <sub>2</sub> O %	1.1	

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