



## Silica Brick

**Brand: Sunrise**

**Physical and chemical index**

Item		BG-96A
Chemical composition	SiO <sub>2</sub>	≥96
	Fe <sub>2</sub> O <sub>3</sub>	≤0.8
	Al <sub>2</sub> O <sub>3</sub> +TiO <sub>2</sub> +R <sub>2</sub> O	≤0.5
Refractoriness °C		1710
Apparent Porosity%		≤21
Bulk Density g/cm <sup>3</sup>		≥1.8
True Density g/cm <sup>3</sup>		≤2.34
Cold Crushing Strength Mpa		≥35
0.2Mpa Refractoriness Under Load T <sub>0.6</sub> °C		≥1680
Permanent Linear Change On Reheating ( % ) 1500°CX2h		0~+0.3
20—1000°C Thermal Expansich10 <sup>-6</sup> /°C		1.25
Thermal Conductivity (W/MK) 1000°C		1.44