



## Silica Brick

**Brand: Sunrise**

**Physical and chemical index**

Item		BG-94
Chemical composition	SiO <sub>2</sub>	≥94
	Fe <sub>2</sub> O <sub>3</sub>	≤1.5
	Al <sub>2</sub> O <sub>3</sub> +TiO <sub>2</sub> +R <sub>2</sub> O	
Refractoriness °C		1710
Apparent Porosity%		≤22
Bulk Density g/cm <sup>3</sup>		≥1.8
True Density,g/cm <sup>3</sup>		≤2.38
Cold Crushing Strength Mpa		≥24.5
0.2Mpa Refractoriness Under Load T <sub>0.6</sub> °C		≥1630
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		1.74