



## Zircon Mullite Brick

**Brand: Sunrise**  
**Physical and chemical index**

Item		ZM-30
Chemical composition	Al <sub>2</sub> O <sub>3</sub>	≥47
	ZrO <sub>2</sub>	≥30
	SiO <sub>2</sub>	≤20
	Fe <sub>2</sub> O <sub>3</sub>	≤0.3
Apparent Porosity%		≤18
Bulk Density g/cm <sup>3</sup>		≥3.10
Cold Crushing Strength Mpa		≥100
0.1Mpa Refractoriness Under Load T <sub>0.6</sub> °C		≥1650
Permanent Linear Change On Reheating (%) 1500°C X2h		±0.3
20-1000°C Thermal Expansion % (x 10 <sup>-6</sup> )		0-0.6
Thermal Conductivity (Average 800°C) W / (M.K)		≤ 2.1
Pyrometric Cone Equivalent °C SK		31