



## Sillimanite (Andalusite)-Mullite Brick GCS-55-65

Performance and application	Sillimanite (andalusite)-mullite brick
Al <sub>2</sub> O <sub>3</sub> %	55-65
SiO <sub>2</sub> %	
Fe <sub>2</sub> O <sub>3</sub> %	
Apparent porosity rate%	17-21
Bulk density g/cm <sup>3</sup>	2.40-2.65
Pressure resistance Intensity at Normal temperature Mpa	≥60
Refractoriness under load °C	≥1600
Variation of re-burning line%	±0.1(1500°C×2h)
Thermal shock stability (water-cooling) frequency/1100°C	≥20
Coefficient of thermal expansion ×10 <sup>-6</sup> /°C	5-6
Max application temperature °C	1550
Application	Used for the inner liner of high-temperature kiln, the shed bar of kiln car, etc.