



## Bonded AZS Brick

Physical and chemical index :

Item	Tank Coat 45
	XAZS-30
Al <sub>2</sub> O <sub>3</sub> %	≥48
SiO <sub>2</sub> %	≤18.8
ZrO <sub>2</sub> %	≥30.9
Fe <sub>2</sub> O <sub>3</sub> %	≤0.1
CaO %	0.9
R <sub>2</sub> O %	≤0.15
Apparent Porosity %	≤21.0
Bulk Density g/cm <sup>3</sup>	≥3.45
Cold Crushing Strength Mpa	≥100
Modulus of Rupture Mpa	≥13.8
Maximum Service Temperatur °C	1650
Thermal Expansion,% 1200°C	0.37
Thermal conductivity (600°C) W/m. °C	1.67