



## LOW CREEP HIGH ALUMINA BRICK

Physical and chemical index

Item		HD-85
Chemical composition	Al <sub>2</sub> O <sub>3</sub> %	80±5
	Fe <sub>2</sub> O <sub>3</sub> %	≤1.5
	MgO %	
Apparent Porosity %		≤21
Bulk Density g/cm <sup>3</sup>		2.7
Cold Crushing Strength Mpa		≥55
Refractoriness °C		≥1850
0.2Mpa Temperature of refractoriness under load T <sub>0.6</sub>		
Creep 0.2 Mpa(50h) %		
Thermal Shock Resistances water cycles 1100°C		
reheat liner change 2h		