

آجر آلما SP۸۵			
Product Information		Unit	Standard
Classification	High alumina phosphate bonded brick		
Main raw material componet :			
PhysicalCompositio	Refractoriness	Orton cone	>36
	Bulk Density	Kg/m <sup>3</sup>	>2700
	Apparent Porosity	%	<19
	Cold Crushing Strength	Kg/m <sup>2</sup>	>650
	Modulus of Rupture	Kg/m <sup>2</sup>	>200
	Refractoriness Under Load , T0.5	°C	>1450
ChemicalComposition	Alumina (Al <sub>2</sub> O <sub>3</sub> )	%	82-85
	Silica ( SiO <sub>2</sub> )	%	8.5 -11
	Tio <sub>2</sub> %	%	2.5 -4.0
	Lime ( CaO )	%	<0.5
	Iron Oxide ( Fe <sub>2</sub> O <sub>3</sub> )	%	1.0 - 2.0
	P <sub>2</sub> O <sub>5</sub>	%	<1.5
	Na <sub>2</sub> O	%	< 0.5
	K <sub>2</sub> O	%	< 0.5
	Mgo	%	< 0.5
ThermalExpansion	at1400 °C	%	1