

مشخصات آجرهای منیزیت اسپینل ۸۵ تولید ایران			
Product Information		Unit	Standard
Classification	Magnesia-Fused Spinel Brick (For Alternative Fuel)		
Physical Compositio	Refractoriness	Orton cone	>38
	Bulk Density	Kg/m³	>2950
	Apparent Porosity	%	15-19
	Cold Crushing Strength	Kg/m²	>650
	Modulus of Rupture	Kg/m²	>60
	Hot Modulus of Rupture at 1000 °C	Kg/m²	>40
	Permanent Linear Change After Heating at 1100 °C	%	0/9-1/4
	Refractoriness Under Load , T0.5	°C	>1700
Chemical Composition	Alumina (Al2O3)	%	10
	Silica (SiO2)	%	0/5-1
	Magnesite (MgO)	%	>85
	Lime (CaO)	%	0/5-1
	Iron Oxide (Fe2O3)	%	0/5-1
Thermal Conductivity	at 350 °C	W / m.k	2.6
	at 1000 °C	W / m.k	2.55
Thermal Shock Resistance	TSR - in air at 950 °C	cycle	>100