



Spinel refractories
Technical data sheet
SPGUN90



General information						
Product properties		Average Value			limited values	
Classification		High Alumina				
Main raw material		Bauxite				
Bonding type		Hydraulic				
Grain size		0-6mm				
Working method		gunning				
Bulk Density $k g/m^3$ ASTM C20		2400				
Liquid addition						
Storage limit		6month / Dry Condition				
Max Service Temp		1750°C				
CCS @ 1480 °C ASTM C133 $(k g/cm^2)$					300	400
CCS @ 110 °C ASTM C133 $(k g/cm^2)$					300	400
Linear Change%@110°C		Negligible				
Linear Change%@1480°C					-1.50	0.50
Modulus of Rupture@110°C $(k g/cm^2)$					50	100
Modulus of Rupture@1480°C $(k g/cm^2)$					100	150
Chemical analysis(Typical /Approximate)						
Al_2O_3 %	SiO_2 %	Fe_2O_3 %	TiO_2 %	MgO %	CaO %	SiC %
90-94	-	0.1-0.9	-	-	4.5-6.5	-