



Spinel refractories
Technical data sheet
SPRAM85 CB



General information						
Product properties		Average Value			limited values	
Classification		High alumina				
Main raw material		Tabular alumina				
Bonding type		Chemical Bonded				
Grain size		0-5mm				
Working method						
Bulk Density $k\,g/m^3$ ASTM C20		2950				
Liquid addition						
Storage limit		6month / Dry Condition				
Max Service Temp		1750°C				
CCS @ 1650 °C ASTM C133 ($k\,g/cm^2$)					550	650
CCS @ 110 °C ASTM C133 ($k\,g/cm^2$)					120	140
Linear Change%@110°C						
Linear Change%@1650°C						
Modulus of Rupture@110°C ($k\,g/cm^2$)					-0.4	-0.2
Modulus of Rupture@1650°C ($k\,g/cm^2$)					-0.8	-0.4
Chemical analysis(Typical /Approximate)						
Al_2O_3 %	SiO_2 %	Fe_2O_3 %	TiO_2 %	MgO %	CaO %	$(Na_2O + K_2O)\%$
>87	8.00	<0.14	<0.15	<0.15	<0.15	<0.8