



Spinel refractories
Technical data sheet
SPRAM90 MG CB



General information				
Product properties		Average Value	limited values	
Classification		magnesite		
Main raw material		magnesite		
Bonding type		Chemical Bonded		
Grain size		0-5mm		
Working method		casting		
Bulk Density $k g/m^3$ ASTM C20		2750		
Liquid addition		Water		
Storage limit		6month / Dry Condition		
Max Service Temp		1700°C		
CCS @ 1500 °C (Mpa) ASTM C133		39.2	29.4	49
CCS @ 110 °C (Mpa) ASTM C133		41.65	34.3	49
Linear Change @110°C		Negligible		
Linear Change @1500°C		- 0.5 %		
Chemical analysis(Typical /Approximate)				
Al_2O_3 %	SiO_2 %	Fe_2O_3 %	MgO %	CaO %
<1.5	4.5-7.5	<1.5	88-92	1.0-3.0