



Spinel refractories
Technical data sheet
SPC80 MC



General information						
Product properties		Average Value			limited values	
Classification		High Alumina				
Main raw material		alumina				
Bonding type		Hydraulic				
Grain size		0-5mm				
Working method		casting				
Bulk Density $k\,g/m^3$ ASTM C20		2650				
Liquid addition		water				
Storage limit		6month / Dry Condition				
Max Service Temp		1650°C				
CCS @ 1500 °C ASTM C133 ($k\,g/cm^2$)					450	500
CCS @ 110 °C ASTM C133 ($k\,g/cm^2$)					300	400
Linear Change%@110°C		Negligible				
Linear Change%@1500°C						
Modulus of Rupture@110°C ($k\,g/cm^2$)					80	100
Modulus of Rupture@1500°C ($k\,g/cm^2$)					120	180
Chemical analysis(Typical /Approximate)						
Al_2O_3 %	SiO_2 %	Fe_2O_3 %	TiO_2 %	MgO %	CaO %	$(Na_2O + K_2O)\%$
82-84	5-6	1-2	2.5-3.5	0.1-0.6	3-4	0.1-0.6