



Spinel refractories
Technical data sheet
SPC45 MC



General information						
Product properties		Average Value			limited values	
Classification		Medium Alumina				
Main raw material		chamotte				
Bonding type		Hydraulic				
Grain size		0-5mm				
Working method		casting				
Bulk Density kg/m^3 ASTM C20		2290				
Liquid addition		water				
Storage limit		6month / Dry Condition				
Max Service Temp		1600°C				
CCS @ 1480 °C ASTM C133 (kg/cm^2)					500	800
CCS @ 110 °C ASTM C133 (kg/cm^2)					300	600
Linear Change%@110°C		Negligible				
Linear Change%@1480°C					-0.80	0.50
Modulus of Rupture@110°C (kg/cm^2)					60	120
Modulus of Rupture@1480°C (kg/cm^2)					50	110
Chemicl analysis(Typical /Approximate)						
Al_2O_3 %	SiO_2 %	Fe_2O_3 %	TiO_2 %	MgO %	CaO %	SiC %
47-49	41-46	1-2.5	1-3	-	2.5-3.5	-